



Building knowledge

# Job Order Contract Construction Task Catalog®

Book 1 CSI Divisions 01 - 09 November 2021

County of San Mateo,  
Flooring



**GORDIAN®**

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## CTC Information:

- ☑ This Construction Task Catalog® was developed and customized by The Gordian Group, Inc. specifically for **County of San Mateo**, priced locally using current labor, material and equipment costs, and published in November 2021.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **County of San Mateo**. Use of The Gordian Group's CTC and other proprietary information and software for any other purpose or any other entity is expressly prohibited without the express written consent of The Gordian Group, Inc.

## MasterFormat™

- ☑ The tasks in this Construction Task Catalog are organized using CSI's *MasterFormat*.



## The Unit Prices Include:

### LABOR COSTS:

- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the task; disposal of excess material; and time for lunch and breaks.
- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security and Medicare taxes, worker's compensation, unemployment insurance and employee benefits.

- ☑ Labor costs are based on workers familiar with and skilled in the performance of the task following OSHA requirements.

### EQUIPMENT COSTS:

- ☑ Equipment costs include all equipment required to accomplish the task.
- ☑ Mobilization is included for all equipment except large equipment (e.g. cranes, pile drivers, bulldozers, excavators, backhoes, bobcats etc.), which exclude mobilization.
- ☑ Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.

### MATERIAL COSTS:

- ☑ Material costs include the cost of the material, delivery, and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.

## Complete and In-Place Construction:

- ☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the task as described in the CTC.
- ☑ If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than 2 stories, the contractor will be paid for such crane or lifting equipment as a separate task.

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- ☑ Unit prices for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.
- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) that are required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or relocating or reinstalling existing material and equipment.
- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, flashing, pitch pockets, skylights, curbs, roofing, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibration, balancing and the like required to ensure proper installation, construction and performance (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing, others as required). Use of owner supplied materials, equipment or tying into existing equipment/piping may justify testing, balancing, etc.

**Demolition:**

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 stories into a truck, dumpster, or to an owner designated area, located within 125' of the project site.
- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a

separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).

- ☑ The description "replace" includes the demolition of the existing item and the installation of the new item.
- ☑ The descriptions "remove and relocate" or "remove and reinstall" includes the removal, cleaning of item and installation of the existing item in either the same location or another location.
- ☑ The description "reinstall" includes the cleaning and installation of the existing item.
- ☑ Salvageable materials remain the property of the Owner and shall be turned over as directed when specified in the Job Order.

**The Adjustment Factors Include:**

**BUSINESS COSTS:**

- ☑ Overhead costs, including, unless specifically excluded in the Contract Documents, but not limited to;
  - home office overhead
  - insurance, bonds, and indemnification
  - project meetings, training, management and supervision
  - mobilization and close-out for the contract and each Job Order and
  - project office staff and equipment.
- ☑ Profit.
- ☑ Subcontractor's overhead and profit.
- ☑ All taxes for which a waiver is not available including material sales tax and equipment rental.
- ☑ Employee or Subcontractor's wage rates that exceed the prevailing wage rates.

- ☑ Fringe benefits, payroll taxes, worker's compensation, insurance costs and any other payment mandated by law in connection with labor that exceeds the labor rate allowances.
- ☑ Cost of financing the work.
- ☑ Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

### CONSTRUCTION RELATED COSTS:

- ☑ Services required to obtain filings and permits.
- ☑ Preparation and modification of proposals, sketches, drawings, submittals, as-built drawings, CADD drawings, microfilm, and other project records.
- ☑ Incidental engineering and architectural services.
- ☑ Office trailer and portable toilets for Contractor's use.
- ☑ Construction vehicles such as pick-up trucks, utility trucks, vans, flat bed trucks, tractors, trailers, etc.
- ☑ Storage devices or items such as gang boxes and containers for Contractor's tools, equipment and materials.
- ☑ Basic safety and warning signage, minor barricades (e.g., construction tape, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
- ☑ Meeting Owner security requirements.
- ☑ Excess waste including roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, siding, concrete, etc. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- ☑ Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, wall or ceiling attached or fastened devices or furnishings, safes or other furniture requiring disassembly).

- ☑ Sealing, windows, and openings with plastic to contain construction dust and debris within the work area.
- ☑ Daily clean-up.
- ☑ Final professional project clean-up.
- ☑ Working in extreme temperatures (below or above normal) or adverse conditions such as excessive rain, wind, sleet or snow.
- ☑ Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- ☑ Costs resulting from productivity loss.
- ☑ Differences in project size; complexity and location.
- ☑ All costs for other than discreet items of work specifically required to complete a particular Job Order.

### PRICE VARIATIONS:

- ☑ Contractors may find differences in labor, equipment and material costs due to certain economic factors. Variations in labor cost can also result from labor efficiency, labor restrictions, working conditions and local work rules. Variations in material costs can also result from the quantity of material purchased, the existing relationship with suppliers, and because the materials have been discontinued or have become obsolete.
- ☑ While diligent effort is made to provide accurate and reliable up-to-date pricing, it is the responsibility of the Contractor to review and analyze the unit prices, and to calculate their Adjustment Factors accordingly, prior to bidding.

### GENERAL COSTS:

- ☑ This list is not exhaustive and is intended to provide general examples of cost items to be included in the Contractor's Adjustment Factor as defined in the Contract.
- ☑ The only compensation to be paid to a Contractor for the unit price tasks will be:

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<b>Published Unit Price</b>	<b>X</b>	<b>Installation (or Demolition) Quantity</b>	<b>X</b>	<b>Appropriate Adjustment Factor</b>
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- No additional payments of any kind whatsoever will be made. All costs not included in the unit prices must be part of the Adjustment Factors.

## General Interpretations:

### WORKING HEIGHT:

- Typical working height for work other than masonry is up to 14' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.
- Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for masonry work below 4'.

### FIELD ENGINEERING:

- Surveying tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical controls.

### ASSEMBLIES:

- Assembly unit prices take precedence over individual component pricing.

### TESTING:

- Contractor will be paid for testing existing material, as required by the technical specifications and as directed by the Owner (record tests) at the unit price for the appropriate task. The cost of process quality control testing routinely performed by the Contractor is included in the unit prices for the individual tasks.

### MISCELLANEOUS:

- For the purpose of calculating the quantity of a task, quantities are calculated on a per project basis. The quantity so determined shall be used for the task and all appropriate modifiers, unless the task states otherwise.
- Whenever there are alternative tasks that may be selected to complete work the Contractor shall select the most practical and economical tasks available (e.g. rental of equipment by weeks or months rather than days or painting by roller or spray rather than brush).
- Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories tasks and for certain electrical conduit and conduit accessories tasks. Only those tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated tasks. A non pre-priced task will not be allowed because of Restricted Working Space for any CTC task.
- Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC.
- Whenever a material, article or piece of equipment is identified in the CTC or in the specifications by reference to manufacturers' or vendors' names,



trade names, catalogue numbers, or make, the identification is intended to establish a standard. Any material, article or equipment of another manufacturer or vendor which performs satisfactorily the duties imposed by the general design may be considered equally acceptable provided that, in the opinion of the Owner, the material, article or equipment so proposed is of equal quality, substance and function. The Contractor shall not provide, furnish or install any proposed material, article or equipment without the prior written approval of the Owner. The burden of proof and all costs related thereto concerning the "or equal" nature of the substitute item, whether approved or disapproved, shall be borne by the Contractor.

**SPECIFICATIONS:**

- Specifications for tasks shall be interpreted as follows: All labor, material, equipment, spare parts, services, and work required by a specification shall be considered part of the unit price, unless the task description or technical specifications state otherwise.

**Useful Information:**

**UNIT OF MEASURE DEFINITIONS:**

**ACR** – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** -

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Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD** - Linear Feet Per Day, **LIT** – Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** - One Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

**MATERIAL WEIGHTS:**

**EARTHEN MATERIAL**

- The following engineering values for establishing shrink/swell factors shall be used unless otherwise directed by the Owner.

Material	Material Weight (Lbs Per CY)		
	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240
Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680
Gravel (Average)	3280	2730	3570
Limestone	4380	2690	3220
Riprap Rock (Average)	4500	2610	3150
Granite	4540	2640	3170

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Basalt	4950	3020	3640
Clay	3220	2150	3570
Gneiss	4550	2720	3180

**1 Ton** = 2000 Pounds = 907.185 Kilograms

**1 Yard** = 3 Feet = 0.9144 Meters

### BULK FACTORS FOR DEMOLITION:

The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.

- **Asphalt** = 1.25
- **Concrete** = 1.40

### CONVERSIONS:

**1 Acre** = 43,560 Square Feet = 4046.8 Square Meters

**1 Board Foot** = 12" x 12" x 1" = 144 Cubic Inches

**1 Centimeter** = 0.3937 Inches = 0.0328 Feet

**1 Cubic Foot** = 0.03704 Cubic Yards = 0.02832 Cubic Meters

**1 Cubic Meter** = 1.3080 Cubic Yards = 35.3147 Cubic Feet

**1 Cubic Yard** = 27 Cubic Feet = 0.7646 Cubic Meters

**1 Foot** = 12 Inches = 0.3048 Meters

**1 Inch** = 2.54 Centimeters = 0.0254 Meters

**1 Kilogram** = 2.2046 Pounds

**1 Kilometer** = 0.6214 Miles = 3280 Feet

**1 Meter** = 100 Centimeters = 3.2808 Feet

**1 Mile** = 5280 Feet = 1.6093 Kilometers

**1 Pound** = 0.4536 Kilograms

**1 Square Foot** = 144 Square Inches = .0929 Square Meters

**1 Square Meter** = 1.1960 Square Yards = 10.7639 Square Feet

**1 Square Yard** = 9 Square Feet = 0.8361 Square Meters

Sheet Metal Thickness (inches)				
Gage No.	Steel Sheet	Galvanized Steel Sheet	Stainless Steel Sheet	Aluminum Sheet
10	.135	.138	.141	
11	.120	.123	.125	
12	.105	.108	.109	
13	.090	.093	.094	.072
14	.075	.079	.078	.064
15	.067	.071	.070	.057
16	.060	.064	.063	.051
17	.054	.058	.056	.045
18	.048	.052	.050	.040
19	.042	.046	.044	.036
20	.036	.040	.038	.032
21	.033	.037	.034	.028
22	.030	.034	.031	.025
23	.027	.031	.028	.023
24	.024	.028	.025	.020
25	.021	.025	.022	.018
26	.018	.022	.019	.017

### STANDARD GEOMETRY:

#### Circle

- Circumference =  $2 \pi \text{ radius} = \pi \text{ diameter}$
- Area =  $\pi \text{ radius}^2 = \pi (\text{diameter}^2 / 4)$

#### Cylinder

- Volume =  $(\pi \text{ radius}^2) \text{ height}$
- Surface Area =  $2 \pi \text{ radius}^2 + (2 \pi \text{ radius}) \text{ height}$

#### Sphere

- Volume =  $(4 \pi \text{ radius}^3) / 3$
- Surface Area =  $4 \pi \text{ radius}^2$

**$\pi = 3.14159$**

#### United Inch

- The industry standard for measuring windows is the United Inch or UI. The UI is determined by adding the width and the height in inches.

## TRADEMARKS

- ☑ Gordian JOC Solution, JOC Complete Solution, JOC Complete Solution Plus, PROGEN, eGordian, ezIQC, Construction Task Catalog, Catalog of Construction Tasks, DMAP, The Standard for Job Order Contracting and 6 Phase Development and Implementation Process are either registered trademarks or trademarks of The Gordian Group, Inc. The names of actual companies and products mentioned herein may be the trademarks of their respective owners



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		<b>General Requirements</b>	<b>01</b>
		Price and Payment Procedures	01 20
		Unit Prices	01 22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 01 General Requirements

### 01 20 Price and Payment Procedures <sup>(01)</sup>

#### 01 22 Unit Prices <sup>(01 20)</sup>

Note: Provide digital copies of photographs.

#### 01 22 16 Unit Price Payment <sup>(01 22)</sup>

##### 01 22 16 00-0001 Reimbursable Fees <sup>(01 22 16)</sup>

Note: Reimbursable fees include but are not limited to permits, special inspections, special insurance, additional warranties, tolls, expedited shipping costs, etc, which are not included in a task or an Adjustment Factor as explained in the Contract or The Construction Task Catalog®.

01 22 16 00-0002	EA	Reimbursable Fees.....	1.00
		Note: Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal.	

#### 01 22 20 Wage Rates <sup>(01 22)</sup>

##### 01 22 20 00-0001 Local Labor/Wage Rates <sup>(01 22 20)</sup>

Note: Welders receive the rate prescribed for the craft performing the operation to which the welding is incidental.

01 22 20 00-0002	HR	Asbestos Removal Worker.....	67.27
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Foreman, Add	3.36
		For Apprentice, Deduct	-13.45
01 22 20 00-0003	HR	Insulator.....	130.02
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Foreman, Add	6.50
		For Apprentice, Deduct	-26.00
01 22 20 00-0004	HR	Boilermaker.....	107.50
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Foreman, Add	5.38
		For Apprentice, Deduct	-21.50
01 22 20 00-0005	HR	Brick Layer.....	103.89
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Foreman, Add	5.19
		For Apprentice, Deduct	-20.78
01 22 20 00-0006	HR	Carpenter.....	115.85
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Foreman, Add	5.79
		For Apprentice, Deduct	-23.17
01 22 20 00-0007	HR	Carpet, Linoleum.....	113.58
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Foreman, Add	5.68
		For Apprentice, Deduct	-22.72
01 22 20 00-0008	HR	Cement Mason.....	82.71
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Foreman, Add	4.14
		For Apprentice, Deduct	-16.54
01 22 20 00-0009	HR	Drywall Finisher.....	108.90
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Foreman, Add	5.45
		For Apprentice, Deduct	-21.78
01 22 20 00-0010	HR	Electrician.....	136.06
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Foreman, Add	6.80
		For Apprentice, Deduct	-27.21
01 22 20 00-0011	HR	Equipment Operator, Crane (Group 1-A).....	104.83
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
01 22 20 00-0012	HR	Equipment Operator, Crane (Group 2-A).....	102.52
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Foreman, Add	5.13
		For Apprentice, Deduct	-20.50
01 22 20 00-0013	HR	Equipment Operator, Crane (Group 3-A).....	100.28
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
01 22 20 00-0014	HR	Equipment Operator, Medium (Group 3).....	99.77
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Foreman, Add	4.99
		For Apprentice, Deduct	-19.95
01 22 20 00-0015	HR	Equipment Operator, Medium (Group 4).....	97.95
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
01 22 20 00-0016	HR	Equipment Operator, Medium (Group 5).....	96.30
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
01 22 20 00-0017	HR	Equipment Operator, Light (Group 6).....	94.57
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Foreman, Add	4.73
		For Apprentice, Deduct	-18.91
01 22 20 00-0018	HR	Equipment Operator, Light (Group 7).....	93.08
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0019 HR Equipment Operator, Light (Group 8).....	91.60	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0020 HR Glazier .....	108.24	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	5.41	
For Apprentice, Deduct	-21.65	
01 22 20 00-0021 HR Laborer .....	78.30	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0022 HR Lather.....	108.33	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	5.42	
For Apprentice, Deduct	-21.67	
01 22 20 00-0023 HR Marble Setter .....	110.57	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	5.53	
For Apprentice, Deduct	-22.11	
01 22 20 00-0024 HR Millwright.....	106.53	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	5.33	
For Apprentice, Deduct	-21.31	
01 22 20 00-0025 HR Mold Removal Worker .....	82.29	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	4.11	
For Apprentice, Deduct	-16.46	
01 22 20 00-0026 HR Painter, Ordinary.....	92.70	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	4.64	
For Apprentice, Deduct	-18.54	
01 22 20 00-0027 HR Painter, Structural Steel.....	97.02	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	4.85	
For Apprentice, Deduct	-19.40	
01 22 20 00-0028 HR Paperhanger .....	92.70	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	4.64	
For Apprentice, Deduct	-18.54	
01 22 20 00-0029 HR Pile Drivers .....	117.31	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	5.87	
For Apprentice, Deduct	-23.46	
01 22 20 00-0030 HR Plasterer .....	103.56	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	5.18	
For Apprentice, Deduct	-20.71	
01 22 20 00-0031 HR Plumber .....	139.45	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	6.97	
For Apprentice, Deduct	-27.89	
01 22 20 00-0032 HR Powderman.....	82.45	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	4.12	
For Apprentice, Deduct	-16.49	
01 22 20 00-0033 HR Rodman (Reinforcing)/Ornamental Steel Worker.....	100.45	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	5.02	
For Apprentice, Deduct	-20.09	
01 22 20 00-0034 HR Roofer, Composite.....	106.65	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	5.33	
For Apprentice, Deduct	-21.33	
01 22 20 00-0035 HR Roofer, Metal .....	169.70	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	8.49	
For Apprentice, Deduct	-33.94	
01 22 20 00-0036 HR Roofer, Tile/Slate .....	106.65	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	5.33	
For Apprentice, Deduct	-21.33	
01 22 20 00-0037 HR Sheet Metal Worker .....	138.86	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	6.94	
For Apprentice, Deduct	-27.77	
01 22 20 00-0038 HR Sprinkler Installer .....	133.60	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	6.68	
For Apprentice, Deduct	-26.72	
01 22 20 00-0039 HR Steam / Pipe Fitter .....	139.45	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	6.97	
For Apprentice, Deduct	-27.89	
01 22 20 00-0040 HR Stone Mason.....	102.95	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	5.15	
For Apprentice, Deduct	-20.59	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0041 HR Iron Worker (Structural) .....	103.25	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	5.16	
For Apprentice, Deduct	-20.65	
01 22 20 00-0042 HR Tile Layer .....	92.46	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	4.62	
For Apprentice, Deduct	-18.49	
01 22 20 00-0043 HR Terrazzo Worker .....	100.31	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	5.02	
For Apprentice, Deduct	-20.06	
01 22 20 00-0044 HR Truck Driver, Light (Group 1) .....	79.77	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	3.99	
For Apprentice, Deduct	-15.95	
01 22 20 00-0045 HR Truck Driver, Medium (Group 2) .....	80.18	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0046 HR Truck Driver, Heavy (Group 3) .....	80.59	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	4.03	
For Apprentice, Deduct	-16.12	
01 22 20 00-0047 HR Truck Driver, Heavy (Group 4) .....	81.08	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
<b>01 22 20 00-0048 Rates For Services (01 22 20)</b>		
01 22 20 00-0049 HR Watch/Guard Person, Unarmed .....	34.42	
01 22 20 00-0050 HR Watch/Guard Person, Armed .....	44.36	
01 22 20 00-0051 HR Fire Watch Laborer .....	78.30	
Note: Fire watchers shall be required whenever welding or cutting is performed in locations where other than a minor fire might develop, or any of the following conditions exist: (1) Appreciable combustible material, in building construction or contents, closer than 35 feet (10.7 m) to the point of operation. (2) Appreciable combustibles are more than 35 feet (10.7 m) away but are easily ignited by sparks. (3) Wall or floor openings within a 35-foot (10.7 m) radius expose combustible material in adjacent areas including concealed spaces in walls or floors. (4) Combustible materials are adjacent to the opposite side of metal partitions, walls, ceilings, or roofs and are likely to be ignited by conduction or radiation.		
<b>01 22 23 Equipment Usage (01 22)</b>		
Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. See CSI section 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.		
<b>01 22 23 00-0001 Air Equipment (01 22 23)</b>		
<b>01 22 23 00-0002 Air Compressors (01 22 23 00-0001)</b>		
Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0003 DAY 100 CFM Diesel Powered Portable Air Compressor .....	154.66	
01 22 23 00-0004 WK 100 CFM Diesel Powered Portable Air Compressor .....	463.97	
01 22 23 00-0005 MO 100 CFM Diesel Powered Portable Air Compressor .....	1,288.81	
01 22 23 00-0006 DAY 130 CFM Diesel Powered Portable Air Compressor .....	185.59	
01 22 23 00-0007 WK 130 CFM Diesel Powered Portable Air Compressor .....	546.46	
01 22 23 00-0008 MO 130 CFM Diesel Powered Portable Air Compressor .....	1,546.58	
01 22 23 00-0009 DAY 185 CFM Diesel Powered Portable Air Compressor .....	247.45	
01 22 23 00-0010 WK 185 CFM Diesel Powered Portable Air Compressor .....	556.77	
01 22 23 00-0011 MO 185 CFM Diesel Powered Portable Air Compressor .....	1,226.95	
01 22 23 00-0012 DAY 375 CFM Diesel Powered Portable Air Compressor .....	350.56	
01 22 23 00-0013 WK 375 CFM Diesel Powered Portable Air Compressor .....	886.70	
01 22 23 00-0014 MO 375 CFM Diesel Powered Portable Air Compressor .....	2,113.65	
01 22 23 00-0015 DAY 600 CFM Diesel Powered Portable Air Compressor .....	779.47	
01 22 23 00-0016 WK 600 CFM Diesel Powered Portable Air Compressor .....	1,876.51	
01 22 23 00-0017 MO 600 CFM Diesel Powered Portable Air Compressor .....	4,676.84	
01 22 23 00-0018 DAY 750 CFM Diesel Powered Portable Air Compressor .....	938.26	
01 22 23 00-0019 WK 750 CFM Diesel Powered Portable Air Compressor .....	2,309.55	
01 22 23 00-0020 MO 750 CFM Diesel Powered Portable Air Compressor .....	5,670.78	
01 22 23 00-0021 DAY 825 CFM Diesel Powered Portable Air Compressor .....	938.26	
01 22 23 00-0022 WK 825 CFM Diesel Powered Portable Air Compressor .....	2,309.55	
01 22 23 00-0023 MO 825 CFM Diesel Powered Portable Air Compressor .....	5,670.78	
01 22 23 00-0024 DAY 1,300 CFM Diesel Powered Portable Air Compressor .....	1,092.91	
01 22 23 00-0025 WK 1,300 CFM Diesel Powered Portable Air Compressor .....	2,449.77	
01 22 23 00-0026 MO 1,300 CFM Diesel Powered Portable Air Compressor .....	6,532.73	
01 22 23 00-0027 DAY 1,600 CFM Diesel Powered Portable Air Compressor .....	1,360.99	
01 22 23 00-0028 WK 1,600 CFM Diesel Powered Portable Air Compressor .....	3,062.22	
01 22 23 00-0029 MO 1,600 CFM Diesel Powered Portable Air Compressor .....	8,165.92	
<b>01 22 23 00-0030 Electrical Equipment (01 22 23)</b>		
<b>01 22 23 00-0031 Tripod Mounted Floodlights (01 22 23 00-0030)</b>		
Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0032 DAY 500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod .....	64.93	
01 22 23 00-0033 WK 500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod .....	153.61	
01 22 23 00-0034 MO 500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod .....	324.64	
01 22 23 00-0035 DAY 1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod .....	64.93	

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0036	WK		1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....	190.03	
01 22 23 00-0037	MO		1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....	562.18	
01 22 23 00-0038	DAY		2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....	72.85	
01 22 23 00-0039	WK		2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....	197.95	
01 22 23 00-0040	MO		2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....	483.00	
<b>01 22 23 00-0041</b>			<b>Trailer Mounted Floodlights</b> <small>(01 22 23 00-0030)</small>		
			Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0042	DAY		4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....	182.11	
01 22 23 00-0043	WK		4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....	403.82	
01 22 23 00-0044	MO		4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....	870.98	
<b>01 22 23 00-0045</b>			<b>Generator Sets</b> <small>(01 22 23 00-0030)</small>		
<b>01 22 23 00-0046</b>			<b>Portable, Gas Or Diesel Powered Generator Sets</b> <small>(01 22 23 00-0045)</small>		
			Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0153 for reimbursable fuel fees.		
01 22 23 00-0047	DAY		3.6 KW, 8 HP Gas Powered Generator Set.....	51.26	
			For LP Or NG Gas, Add	6.41	
			For >160 To 320 Hours Usage Per Month, Add	25.63	
01 22 23 00-0048	WK		3.6 KW, 8 HP Gas Powered Generator Set.....	184.78	
			For LP Or NG Gas, Add	23.10	
01 22 23 00-0049	MO		3.6 KW, 8 HP Gas Powered Generator Set.....	512.60	
			For LP Or NG Gas, Add	64.08	
01 22 23 00-0050	DAY		5 KW, 11 HP Gas Powered Generator Set.....	72.72	
			For LP Or NG Gas, Add	9.09	
01 22 23 00-0051	WK		5 KW, 11 HP Gas Powered Generator Set.....	232.46	
			For LP Or NG Gas, Add	29.06	
01 22 23 00-0052	MO		5 KW, 11 HP Gas Powered Generator Set.....	530.48	
			For LP Or NG Gas, Add	66.31	
01 22 23 00-0053	DAY		6.5 KW, 13 HP Gas Powered Generator Set.....	92.98	
			For LP Or NG Gas, Add	11.62	
01 22 23 00-0054	WK		6.5 KW, 13 HP Gas Powered Generator Set.....	250.34	
			For LP Or NG Gas, Add	31.29	
01 22 23 00-0055	MO		6.5 KW, 13 HP Gas Powered Generator Set.....	691.42	
			For LP Or NG Gas, Add	86.43	
01 22 23 00-0056	DAY		10 KW, 18 HP Gas Powered Generator Set.....	103.71	
			For LP Or NG Gas, Add	12.96	
01 22 23 00-0057	WK		10 KW, 18 HP Gas Powered Generator Set.....	280.14	
			For LP Or NG Gas, Add	35.02	
01 22 23 00-0058	MO		10 KW, 18 HP Gas Powered Generator Set.....	804.67	
			For LP Or NG Gas, Add	100.58	
<b>01 22 23 00-0059</b>			<b>Towable, Diesel Powered Generator Sets</b> <small>(01 22 23 00-0045)</small>		
			Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0153 for reimbursable fuel fees.		
01 22 23 00-0060	DAY		20 KW, 60 Hertz Towable Diesel Powered Generator Set.....	213.39	
			Note: Fuel consumption: 100% load - 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	106.70	
			For >16 To 24 Hours Usage Per Day, Add	213.39	
01 22 23 00-0061	WK		20 KW, 60 Hertz Towable Diesel Powered Generator Set.....	557.90	
			Note: Fuel consumption: 100% load - 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	278.95	
			For >80 Hours Usage Per Week, Add	557.90	
01 22 23 00-0062	MO		20 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,519.93	
			Note: Fuel consumption: 100% load - 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	759.97	
			For >320 Hours Usage Per Month, Add	1,519.93	
01 22 23 00-0063	DAY		30 KW, 60 Hertz Towable Diesel Powered Generator Set.....	316.20	
			Note: Fuel consumption: 100% load - 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	158.10	
			For >16 To 24 Hours Usage Per Day, Add	316.20	
01 22 23 00-0064	WK		30 KW, 60 Hertz Towable Diesel Powered Generator Set.....	938.40	
			Note: Fuel consumption: 100% load - 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	469.20	
			For >80 Hours Usage Per Week, Add	938.40	
01 22 23 00-0065	MO		30 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,938.00	
			Note: Fuel consumption: 100% load - 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	969.00	
			For >320 Hours Usage Per Month, Add	1,938.00	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0066 DAY 40.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	346.80	
Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.		
For >8 To 16 Hours Usage Per Day, Add	173.40	
For >16 To 24 Hours Usage Per Day, Add	346.80	
01 22 23 00-0067 WK 40.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	969.00	
Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.		
For >40 To 80 Hours Usage Per Week, Add	484.50	
For >80 Hours Usage Per Week, Add	969.00	
01 22 23 00-0068 MO 40.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,142.00	
Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.		
For >160 To 320 Hours Usage Per Month, Add	1,071.00	
For >320 Hours Usage Per Month, Add	2,142.00	
01 22 23 00-0069 DAY 55.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	372.30	
Note: Fuel consumption: 100% load - 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.		
For >8 To 16 Hours Usage Per Day, Add	186.15	
For >16 To 24 Hours Usage Per Day, Add	372.30	
01 22 23 00-0070 WK 55.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,020.00	
Note: Fuel consumption: 100% load - 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.		
For >40 To 80 Hours Usage Per Week, Add	510.00	
For >80 Hours Usage Per Week, Add	1,020.00	
01 22 23 00-0071 MO 55.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,448.00	
Note: Fuel consumption: 100% load - 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.		
For >160 To 320 Hours Usage Per Month, Add	1,224.00	
For >320 Hours Usage Per Month, Add	2,448.00	
01 22 23 00-0072 DAY 70.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	408.00	
Note: Fuel consumption: 100% load - 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.		
For >8 To 16 Hours Usage Per Day, Add	204.00	
For >16 To 24 Hours Usage Per Day, Add	408.00	
01 22 23 00-0073 WK 70.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,157.70	
Note: Fuel consumption: 100% load - 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.		
For >40 To 80 Hours Usage Per Week, Add	578.85	
For >80 Hours Usage Per Week, Add	1,157.70	
01 22 23 00-0074 MO 70.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,754.00	
Note: Fuel consumption: 100% load - 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.		
For >160 To 320 Hours Usage Per Month, Add	1,377.00	
For >320 Hours Usage Per Month, Add	2,754.00	
01 22 23 00-0075 DAY 80.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	459.00	
Note: Fuel consumption: 100% load - 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.		
For >8 To 16 Hours Usage Per Day, Add	229.50	
For >16 To 24 Hours Usage Per Day, Add	459.00	
01 22 23 00-0076 WK 80.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,224.00	
Note: Fuel consumption: 100% load - 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.		
For >40 To 80 Hours Usage Per Week, Add	612.00	
For >80 Hours Usage Per Week, Add	1,224.00	
01 22 23 00-0077 MO 80.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	3,060.00	
Note: Fuel consumption: 100% load - 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.		
For >160 To 320 Hours Usage Per Month, Add	1,530.00	
For >320 Hours Usage Per Month, Add	3,060.00	
01 22 23 00-0078 DAY 100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	474.30	
Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.		
For >8 To 16 Hours Usage Per Day, Add	237.15	
For >16 To 24 Hours Usage Per Day, Add	474.30	
01 22 23 00-0079 WK 100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,275.00	
Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.		
For >40 To 80 Hours Usage Per Week, Add	637.50	
For >80 Hours Usage Per Week, Add	1,275.00	
01 22 23 00-0080 MO 100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	3,468.00	
Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.		
For >160 To 320 Hours Usage Per Month, Add	1,734.00	
For >320 Hours Usage Per Month, Add	3,468.00	
01 22 23 00-0081 DAY 120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	535.50	
Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.		
For >8 To 16 Hours Usage Per Day, Add	267.75	
For >16 To 24 Hours Usage Per Day, Add	535.50	
01 22 23 00-0082 WK 120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,479.00	
Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.		
For >40 To 80 Hours Usage Per Week, Add	739.50	
For >80 Hours Usage Per Week, Add	1,479.00	

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0083	MO		120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	3,978.00	
			Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	1,989.00	
			For >320 Hours Usage Per Month, Add	3,978.00	
01 22 23 00-0084	DAY		140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	561.00	
			Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	280.50	
			For >16 To 24 Hours Usage Per Day, Add	561.00	
01 22 23 00-0085	WK		140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,555.50	
			Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	777.75	
			For >80 Hours Usage Per Week, Add	1,555.50	
01 22 23 00-0086	MO		140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	4,386.00	
			Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	2,193.00	
			For >320 Hours Usage Per Month, Add	4,386.00	
01 22 23 00-0087	DAY		150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	586.50	
			Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	293.25	
			For >16 To 24 Hours Usage Per Day, Add	586.50	
01 22 23 00-0088	WK		150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,683.00	
			Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	841.50	
			For >80 Hours Usage Per Week, Add	1,683.00	
01 22 23 00-0089	MO		150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	4,590.00	
			Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	2,295.00	
			For >320 Hours Usage Per Month, Add	4,590.00	
01 22 23 00-0090	DAY		160.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	612.00	
			Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	306.00	
			For >16 To 24 Hours Usage Per Day, Add	612.00	
01 22 23 00-0091	WK		160.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,785.00	
			Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	892.50	
			For >80 Hours Usage Per Week, Add	1,785.00	
01 22 23 00-0092	MO		160.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	4,794.00	
			Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	2,397.00	
			For >320 Hours Usage Per Month, Add	4,794.00	
01 22 23 00-0093	DAY		175.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	612.00	
			Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	306.00	
			For >16 To 24 Hours Usage Per Day, Add	612.00	
01 22 23 00-0094	WK		175.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,785.00	
			Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	892.50	
			For >80 Hours Usage Per Week, Add	1,785.00	
01 22 23 00-0095	MO		175.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	4,794.00	
			Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	2,397.00	
			For >320 Hours Usage Per Month, Add	4,794.00	
01 22 23 00-0096	DAY		200.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	841.50	
			Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	420.75	
			For >16 To 24 Hours Usage Per Day, Add	841.50	
01 22 23 00-0097	WK		200.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,091.00	
			Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	1,045.50	
			For >80 Hours Usage Per Week, Add	2,091.00	
01 22 23 00-0098	MO		200.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	6,120.00	
			Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	3,060.00	
			For >320 Hours Usage Per Month, Add	6,120.00	
01 22 23 00-0099	DAY		250.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	892.50	
			Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	446.25	
			For >16 To 24 Hours Usage Per Day, Add	892.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0100 WK 250.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,142.00	
Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.		
<i>For &gt;40 To 80 Hours Usage Per Week, Add</i>	1,071.00	
<i>For &gt;80 Hours Usage Per Week, Add</i>	2,142.00	
01 22 23 00-0101 MO 250.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	6,324.00	
Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.		
<i>For &gt;160 To 320 Hours Usage Per Month, Add</i>	3,162.00	
<i>For &gt;320 Hours Usage Per Month, Add</i>	6,324.00	
01 22 23 00-0102 DAY 275.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	943.50	
Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.		
<i>For &gt;8 To 16 Hours Usage Per Day, Add</i>	471.75	
<i>For &gt;16 To 24 Hours Usage Per Day, Add</i>	943.50	
01 22 23 00-0103 WK 275.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,193.00	
Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.		
<i>For &gt;40 To 80 Hours Usage Per Week, Add</i>	1,096.50	
<i>For &gt;80 Hours Usage Per Week, Add</i>	2,193.00	
01 22 23 00-0104 MO 275.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	6,528.00	
Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.		
<i>For &gt;160 To 320 Hours Usage Per Month, Add</i>	3,264.00	
<i>For &gt;320 Hours Usage Per Month, Add</i>	6,528.00	
01 22 23 00-0105 DAY 300.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	974.10	
Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.		
<i>For &gt;8 To 16 Hours Usage Per Day, Add</i>	487.05	
<i>For &gt;16 To 24 Hours Usage Per Day, Add</i>	974.10	
01 22 23 00-0106 WK 300.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,346.00	
Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.		
<i>For &gt;40 To 80 Hours Usage Per Week, Add</i>	1,173.00	
<i>For &gt;80 Hours Usage Per Week, Add</i>	2,346.00	
01 22 23 00-0107 MO 300.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	6,936.00	
Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.		
<i>For &gt;160 To 320 Hours Usage Per Month, Add</i>	3,468.00	
<i>For &gt;320 Hours Usage Per Month, Add</i>	6,936.00	
01 22 23 00-0108 DAY 350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,020.00	
Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.		
<i>For &gt;8 To 16 Hours Usage Per Day, Add</i>	510.00	
<i>For &gt;16 To 24 Hours Usage Per Day, Add</i>	1,020.00	
01 22 23 00-0109 WK 350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,652.00	
Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.		
<i>For &gt;40 To 80 Hours Usage Per Week, Add</i>	1,326.00	
<i>For &gt;80 Hours Usage Per Week, Add</i>	2,652.00	
01 22 23 00-0110 MO 350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	7,650.00	
Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.		
<i>For &gt;160 To 320 Hours Usage Per Month, Add</i>	3,825.00	
<i>For &gt;320 Hours Usage Per Month, Add</i>	7,650.00	
01 22 23 00-0111 DAY 400.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,639.87	
Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.		
<i>For &gt;8 To 16 Hours Usage Per Day, Add</i>	819.94	
<i>For &gt;16 To 24 Hours Usage Per Day, Add</i>	1,639.87	
01 22 23 00-0112 WK 400.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	4,239.84	
Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.		
<i>For &gt;40 To 80 Hours Usage Per Week, Add</i>	2,119.92	
<i>For &gt;80 Hours Usage Per Week, Add</i>	4,239.84	
01 22 23 00-0113 MO 400.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	11,212.80	
Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.		
<i>For &gt;160 To 320 Hours Usage Per Month, Add</i>	5,606.40	
<i>For &gt;320 Hours Usage Per Month, Add</i>	11,212.80	
01 22 23 00-0114 DAY 500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	2,102.40	
Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.		
<i>For &gt;8 To 16 Hours Usage Per Day, Add</i>	1,051.20	
<i>For &gt;16 To 24 Hours Usage Per Day, Add</i>	2,102.40	
01 22 23 00-0115 WK 500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	5,466.24	
Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.		
<i>For &gt;40 To 80 Hours Usage Per Week, Add</i>	2,733.12	
<i>For &gt;80 Hours Usage Per Week, Add</i>	5,466.24	
01 22 23 00-0116 MO 500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	12,614.40	
Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.		
<i>For &gt;160 To 320 Hours Usage Per Month, Add</i>	6,307.20	
<i>For &gt;320 Hours Usage Per Month, Add</i>	12,614.40	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 20</b>	<b>Price and Payment Procedures</b>
	<b>01 22</b>	<b>Unit Prices</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0117 DAY 640.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	2,599.97	
Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.		
For >8 To 16 Hours Usage Per Day, Add	1,299.99	
For >16 To 24 Hours Usage Per Day, Add	2,599.97	
01 22 23 00-0118 WK 640.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	6,867.84	
Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.		
For >40 To 80 Hours Usage Per Week, Add	3,433.92	
For >80 Hours Usage Per Week, Add	6,867.84	
01 22 23 00-0119 MO 640.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	16,819.20	
Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.		
For >160 To 320 Hours Usage Per Month, Add	8,409.60	
For >320 Hours Usage Per Month, Add	16,819.20	
01 22 23 00-0120 DAY 750.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	2,810.21	
Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.		
For >8 To 16 Hours Usage Per Day, Add	1,405.11	
For >16 To 24 Hours Usage Per Day, Add	2,810.21	
01 22 23 00-0121 WK 750.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	6,475.39	
Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.		
For >40 To 80 Hours Usage Per Week, Add	3,237.70	
For >80 Hours Usage Per Week, Add	6,475.39	
01 22 23 00-0122 MO 750.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	19,426.18	
Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.		
For >160 To 320 Hours Usage Per Month, Add	9,713.09	
For >320 Hours Usage Per Month, Add	19,426.18	
01 22 23 00-0123 EA Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	818.07	
01 22 23 00-0124 EA 350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	1,330.15	
<b>01 22 23 00-0125 Cabling For Generator Sets (01 22 23 00-0045)</b>		
Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0126 DAY #1 Banded Cable, 50' With Camlock Ends For Generator Set.....	22.44	
01 22 23 00-0127 WK #1 Banded Cable, 50' With Camlock Ends For Generator Set.....	39.27	
01 22 23 00-0128 MO #1 Banded Cable, 50' With Camlock Ends For Generator Set.....	117.81	
01 22 23 00-0129 DAY 50', 4/0 Cable With Camlock Ends For Generator Set.....	11.22	
01 22 23 00-0130 WK 50', 4/0 Cable With Camlock Ends For Generator Set.....	32.64	
01 22 23 00-0131 MO 50', 4/0 Cable With Camlock Ends For Generator Set.....	90.78	
<b>01 22 23 00-0132 Resistive Loadbanks For Generator Sets (01 22 23 00-0045)</b>		
Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0153 for reimbursable fuel fees.		
01 22 23 00-0133 DAY 100 KW A/C Resistive Loadbank.....	280.50	
01 22 23 00-0134 WK 100 KW A/C Resistive Loadbank.....	533.50	
01 22 23 00-0135 MO 100 KW A/C Resistive Loadbank.....	1,457.50	
01 22 23 00-0136 DAY 650 KW A/C Resistive Loadbank.....	689.82	
01 22 23 00-0137 WK 650 KW A/C Resistive Loadbank.....	1,844.74	
01 22 23 00-0138 MO 650 KW A/C Resistive Loadbank.....	4,703.29	
<b>01 22 23 00-0139 Sub-Distribution Panels (Spider Box) For Generator Sets (01 22 23 00-0045)</b>		
Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0140 DAY 50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....	55.08	
01 22 23 00-0141 WK 50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....	142.80	
01 22 23 00-0142 MO 50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....	402.90	
<b>01 22 23 00-0143 Portable Distribution Panels For Generator Sets (01 22 23 00-0045)</b>		
Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0144 DAY 200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel.....	122.40	
01 22 23 00-0145 WK 200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel.....	331.50	
01 22 23 00-0146 MO 200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel.....	928.20	
01 22 23 00-0147 DAY 100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	99.96	
01 22 23 00-0148 WK 100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	260.10	
01 22 23 00-0149 MO 100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	739.50	
01 22 23 00-0150 DAY 200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	127.50	
01 22 23 00-0151 WK 200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	321.30	
01 22 23 00-0152 MO 200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	872.10	
<b>01 22 23 00-0153 Fuel Reimbursement For Generators (01 22 23 00-0045)</b>		
01 22 23 00-0154 EA Fuel Reimbursement For Generators.....	1.00	
Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is \$1.00, quantity will adjust cost to actual purchase cost; i.e., quantity of 125 = \$125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>01 22 23 00-0155</b> <b>General Equipment</b> <small>(01 22 23)</small>		
<b>01 22 23 00-0156</b> <b>Pressure Washers</b> <small>(01 22 23 00-0155)</small>		
Note: Includes delivery to job site, pick-up when complete and full time operator.		
01 22 23 00-0157    DAY 2,000 PSI Pressure Washer With Full-Time Operator .....	796.62	
<i>For Equipment Without Operator, Deduct</i>		
	-626.39	
01 22 23 00-0158    WK 2,000 PSI Pressure Washer With Full-Time Operator .....	3,564.06	
<i>For Equipment Without Operator, Deduct</i>		
	-3,131.94	
01 22 23 00-0159    MO 2,000 PSI Pressure Washer With Full-Time Operator .....	14,671.70	
<i>For Equipment Without Operator, Deduct</i>		
	-13,571.76	
01 22 23 00-0160    DAY 2,500 PSI Pressure Washer With Full-Time Operator .....	748.71	
<i>For Equipment Without Operator, Deduct</i>		
	-626.39	
01 22 23 00-0161    WK 2,500 PSI Pressure Washer With Full-Time Operator .....	3,442.45	
<i>For Equipment Without Operator, Deduct</i>		
	-3,131.94	
01 22 23 00-0162    MO 2,500 PSI Pressure Washer With Full-Time Operator .....	14,362.16	
<i>For Equipment Without Operator, Deduct</i>		
	-13,571.76	
01 22 23 00-0163    DAY 3,000 PSI Pressure Washer With Full-Time Operator .....	796.62	
<i>For Equipment Without Operator, Deduct</i>		
	-626.39	
01 22 23 00-0164    WK 3,000 PSI Pressure Washer With Full-Time Operator .....	3,564.06	
<i>For Equipment Without Operator, Deduct</i>		
	-3,131.94	
01 22 23 00-0165    MO 3,000 PSI Pressure Washer With Full-Time Operator .....	14,671.70	
<i>For Equipment Without Operator, Deduct</i>		
	-13,571.76	
01 22 23 00-0166    DAY 3,500 PSI Pressure Washer With Full-Time Operator .....	758.12	
<i>For Equipment Without Operator, Deduct</i>		
	-626.39	
01 22 23 00-0167    WK 3,500 PSI Pressure Washer With Full-Time Operator .....	3,470.68	
<i>For Equipment Without Operator, Deduct</i>		
	-3,131.94	
01 22 23 00-0168    MO 3,500 PSI Pressure Washer With Full-Time Operator .....	14,437.43	
<i>For Equipment Without Operator, Deduct</i>		
	-13,571.76	
01 22 23 00-0169    DAY 4,000 PSI Pressure Washer With Full-Time Operator .....	862.09	
<i>For Equipment Without Operator, Deduct</i>		
	-626.39	
01 22 23 00-0170    WK 4,000 PSI Pressure Washer With Full-Time Operator .....	3,773.57	
<i>For Equipment Without Operator, Deduct</i>		
	-3,131.94	
01 22 23 00-0171    MO 4,000 PSI Pressure Washer With Full-Time Operator .....	15,365.71	
<i>For Equipment Without Operator, Deduct</i>		
	-13,571.76	
01 22 23 00-0172    DAY 5,000 PSI Pressure Washer With Full-Time Operator .....	814.58	
<i>For Equipment Without Operator, Deduct</i>		
	-626.39	
01 22 23 00-0173    WK 5,000 PSI Pressure Washer With Full-Time Operator .....	3,640.05	
<i>For Equipment Without Operator, Deduct</i>		
	-3,131.94	
01 22 23 00-0174    MO 5,000 PSI Pressure Washer With Full-Time Operator .....	15,002.00	
<i>For Equipment Without Operator, Deduct</i>		
	-13,571.76	
<b>01 22 23 00-0175</b> <b>Space Heaters</b> <small>(01 22 23 00-0155)</small>		
Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.		
01 22 23 00-0176    DAY 150,000 BTU/Hour Space Heater .....	70.52	
01 22 23 00-0177    WK 150,000 BTU/Hour Space Heater .....	202.74	
01 22 23 00-0178    MO 150,000 BTU/Hour Space Heater .....	572.98	
01 22 23 00-0179    DAY 500,000 BTU/Hour Space Heater .....	149.86	
01 22 23 00-0180    WK 500,000 BTU/Hour Space Heater .....	370.23	
01 22 23 00-0181    MO 500,000 BTU/Hour Space Heater .....	936.15	
<b>01 22 23 00-0182</b> <b>Material Handling Equipment</b> <small>(01 22 23)</small>		
<b>01 22 23 00-0183</b> <b>Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts</b> <small>(01 22 23 00-0182)</small>		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0184    DAY 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....	1,345.80	
<i>For Equipment Without Operator, Deduct</i>		
	-756.53	
01 22 23 00-0185    WK 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....	5,224.78	
<i>For Equipment Without Operator, Deduct</i>		
	-3,782.63	
01 22 23 00-0186    MO 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....	19,492.81	
<i>For Equipment Without Operator, Deduct</i>		
	-16,391.41	
01 22 23 00-0187    DAY 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....	1,407.82	
<i>For Equipment Without Operator, Deduct</i>		
	-756.53	
01 22 23 00-0188    WK 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....	5,364.34	
<i>For Equipment Without Operator, Deduct</i>		
	-3,782.63	
01 22 23 00-0189    MO 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....	19,802.95	
<i>For Equipment Without Operator, Deduct</i>		
	-16,391.41	
01 22 23 00-0190    DAY 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....	1,392.32	
<i>For Equipment Without Operator, Deduct</i>		
	-756.53	
01 22 23 00-0191    WK 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....	5,434.13	
<i>For Equipment Without Operator, Deduct</i>		
	-3,782.63	
01 22 23 00-0192    MO 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....	20,268.16	
<i>For Equipment Without Operator, Deduct</i>		
	-16,391.41	
01 22 23 00-0193    DAY 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....	1,570.65	
<i>For Equipment Without Operator, Deduct</i>		
	-756.53	
01 22 23 00-0194    WK 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....	5,899.34	
<i>For Equipment Without Operator, Deduct</i>		
	-3,782.63	
01 22 23 00-0195    MO 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....	21,353.65	
<i>For Equipment Without Operator, Deduct</i>		
	-16,391.41	
<b>01 22 23 00-0196</b> <b>Straight Mast, Rough Terrain Construction Forklifts</b> <small>(01 22 23 00-0182)</small>		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		

<b>01</b>	<b>General Requirements</b>
<b>01 20</b>	<b>Price and Payment Procedures</b>
<b>01 22</b>	<b>Unit Prices</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0197 DAY 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,139.55	
<i>For Equipment Without Operator, Deduct</i>	-756.53	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	76.60	
01 22 23 00-0198 WK 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	4,828.58	
<i>For Equipment Without Operator, Deduct</i>	-3,782.63	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	209.19	
01 22 23 00-0199 MO 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	18,785.30	
<i>For Equipment Without Operator, Deduct</i>	-16,391.41	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	478.78	
01 22 23 00-0200 DAY 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,159.71	
<i>For Equipment Without Operator, Deduct</i>	-756.53	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	80.64	
01 22 23 00-0201 WK 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	4,883.63	
<i>For Equipment Without Operator, Deduct</i>	-3,782.63	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	220.20	
01 22 23 00-0202 MO 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	18,911.30	
<i>For Equipment Without Operator, Deduct</i>	-16,391.41	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	503.98	
01 22 23 00-0203 DAY 8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,268.26	
<i>For Equipment Without Operator, Deduct</i>	-756.53	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	102.35	
01 22 23 00-0204 WK 8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	5,186.01	
<i>For Equipment Without Operator, Deduct</i>	-3,782.63	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	280.68	
01 22 23 00-0205 MO 8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	19,609.11	
<i>For Equipment Without Operator, Deduct</i>	-16,391.41	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	643.54	
01 22 23 00-0206 DAY 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,328.04	
<i>For Equipment Without Operator, Deduct</i>	-756.53	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	114.30	
01 22 23 00-0207 WK 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	5,160.12	
<i>For Equipment Without Operator, Deduct</i>	-3,782.63	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	275.50	
01 22 23 00-0208 MO 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	19,820.47	
<i>For Equipment Without Operator, Deduct</i>	-16,391.41	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	685.81	
<b>01 22 23 00-0209 Straight Mast, Industrial Warehouse Forklifts</b> <small>(01 22 23 00-0182)</small>		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0210 DAY 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,082.18	
<i>For Equipment Without Operator, Deduct</i>	-756.53	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	65.13	
01 22 23 00-0211 WK 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	4,526.97	
<i>For Equipment Without Operator, Deduct</i>	-3,782.63	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	148.87	
01 22 23 00-0212 MO 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	18,174.71	
<i>For Equipment Without Operator, Deduct</i>	-16,391.41	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	356.66	
01 22 23 00-0213 DAY 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,089.93	
<i>For Equipment Without Operator, Deduct</i>	-756.53	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	66.68	
01 22 23 00-0214 WK 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	4,550.23	
<i>For Equipment Without Operator, Deduct</i>	-3,782.63	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	153.52	
01 22 23 00-0215 MO 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	18,228.99	
<i>For Equipment Without Operator, Deduct</i>	-16,391.41	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	367.52	
01 22 23 00-0216 DAY 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,252.75	
<i>For Equipment Without Operator, Deduct</i>	-756.53	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	99.24	
01 22 23 00-0217 WK 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	4,906.89	
<i>For Equipment Without Operator, Deduct</i>	-3,782.63	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	224.85	
01 22 23 00-0218 MO 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	19,105.13	
<i>For Equipment Without Operator, Deduct</i>	-16,391.41	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	542.74	
01 22 23 00-0219 DAY 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,268.26	
<i>For Equipment Without Operator, Deduct</i>	-756.53	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	102.35	
01 22 23 00-0220 WK 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	5,038.70	
<i>For Equipment Without Operator, Deduct</i>	-3,782.63	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	251.21	
01 22 23 00-0221 MO 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	19,570.35	
<i>For Equipment Without Operator, Deduct</i>	-16,391.41	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	635.79	
01 22 23 00-0222 DAY 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,407.82	
<i>For Equipment Without Operator, Deduct</i>	-756.53	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	130.26	
01 22 23 00-0223 WK 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	5,263.55	
<i>For Equipment Without Operator, Deduct</i>	-3,782.63	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	296.18	
01 22 23 00-0224 MO 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	19,958.02	
<i>For Equipment Without Operator, Deduct</i>	-16,391.41	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	713.32	



<b>General Requirements</b>			<b>01</b>
<b>Price and Payment Procedures</b>			<b>01 20</b>
<b>Unit Prices</b>			<b>01 22</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 01 22 23 00-0225

**Chain Hoists** (01 22 23 00-0182)

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0226	DAY	1 Ton, 20' Lift, Manual Chain Hoist.....	12.52
01 22 23 00-0227	WK	1 Ton, 20' Lift, Manual Chain Hoist.....	32.55
01 22 23 00-0228	MO	1 Ton, 20' Lift, Manual Chain Hoist.....	96.40
01 22 23 00-0229	DAY	3 Ton, 20' Lift, Manual Chain Hoist.....	35.06
01 22 23 00-0230	WK	3 Ton, 20' Lift, Manual Chain Hoist.....	82.63
01 22 23 00-0231	MO	3 Ton, 20' Lift, Manual Chain Hoist.....	231.62
01 22 23 00-0232	DAY	5 Ton, 20' Lift, Manual Chain Hoist.....	45.07
01 22 23 00-0233	WK	5 Ton, 20' Lift, Manual Chain Hoist.....	121.44
01 22 23 00-0234	MO	5 Ton, 20' Lift, Manual Chain Hoist.....	338.04
01 22 23 00-0235	DAY	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	88.89
01 22 23 00-0236	WK	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	231.62
01 22 23 00-0237	MO	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	626.00
01 22 23 00-0238	DAY	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	90.14
01 22 23 00-0239	WK	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	241.01
01 22 23 00-0240	MO	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	657.30
01 22 23 00-0241	DAY	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	92.65
01 22 23 00-0242	WK	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	259.79
01 22 23 00-0243	MO	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	719.90

01 30 Administrative Requirements (01)01 31 Project Management and Coordination (01 30)**01 31 33 Project Minimum Labor Costs** (01 31)

## 01 31 33 00-0001

**Minimum Charge** (01 31 33)

Note: Use item exclusively for projects when the sum of line items is less than the minimum charge per occurrence. Item should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Item quantity is 1, unless approved by owner.

01 31 33 00-0002	EA	Carpenter Minimum Charge.....	1,051.83
		Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	
01 31 33 00-0003	EA	Carpet, Linoleum Minimum Charge.....	1,008.68
		Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	
01 31 33 00-0004	EA	Cement Mason Minimum Charge.....	711.67
		Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	
01 31 33 00-0005	EA	Drywall Finisher Minimum Charge.....	946.17
		Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	
01 31 33 00-0006	EA	Drywall Installer Minimum Charge.....	1,016.68
		Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	
01 31 33 00-0007	EA	Electrician Minimum Charge.....	1,238.47
		Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	
01 31 33 00-0008	EA	Glazier Minimum Charge.....	915.96
		Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	
01 31 33 00-0009	EA	Insulator Minimum Charge.....	1,065.19
		Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	
01 31 33 00-0010	EA	Laborer Minimum Charge.....	651.39
		Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	
01 31 33 00-0011	EA	Landscape Maintenance Worker Minimum Charge.....	776.39
		Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	
01 31 33 00-0012	EA	Ornamental Metal Worker Minimum Charge.....	976.00
		Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	
01 31 33 00-0013	EA	Painter, Ordinary Minimum Charge.....	791.58
		Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	
01 31 33 00-0014	EA	Plasterer Minimum Charge.....	928.45
		Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	
01 31 33 00-0015	EA	Plumber Minimum Charge.....	1,315.61
		Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	
01 31 33 00-0016	EA	Roofer, Tile/Slate Minimum Charge.....	1,003.23
		Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	
01 31 33 00-0017	EA	Roofer, Composite Built-Up Minimum Charge.....	1,003.23
		Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 30</b>	<b>Administrative Requirements</b>
	<b>01 31</b>	<b>Project Management and Coordination</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 31	33 00-0018	EA	Sheet Metal Worker Minimum Charge ..... Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	1,210.92	
01 31	33 00-0019	EA	Sprinkler Installer Minimum Charge ..... Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	1,268.80	
01 31	33 00-0020	EA	Tile Layer (Floor) Minimum Charge ..... Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	839.68	

**01 35 Special Procedures** (01 30)

**01 35 29 Health, Safety, and Emergency Response Procedures** (01 35)

See CSI section 02 90 00 00-0000 for disaster recovery task.

**01 35 29 00-0001 Emergency Response** (01 35 29)

See CSI section 01 22 20 00-0001 for labor services to load and unload shipping container, 01 22 20 00-0048 for security guards, 01 22 23 00-0000 for portable equipment usage (air compressors, generators, lighting, etc.), 01 52 13 00-0026 for container usage.

01 35 29 00-0002	MI	Trucking Delivery Of 20' Shipping Container .....	2.11
01 35 29 00-0003	MI	Trucking Delivery Of 40' Shipping Container .....	4.22

**01 35 33 Infection Control Procedures** (01 35)

See CSI section 02 87 19 00-0000 for Bio-Hazard And Infectious Disease Control Remediation.

**01 50 Temporary Facilities and Controls** (01)

Note: Tasks in this section shall be used as directed by owner.

**01 51 Temporary Utilities** (01 50)

**01 51 13 Temporary Electricity** (01 51)

**01 51 13 00-0001 Temporary Service Switch And/Or Building Feeder Switch** (01 51 13)

Note: Includes all connections and removal after use.

01 51 13 00-0002	EA	Temporary 100 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses .....	1,617.96
01 51 13 00-0003	EA	Temporary 200 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses .....	2,524.86
01 51 13 00-0004	EA	Temporary 400 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses .....	4,579.27
01 51 13 00-0005	EA	Temporary 600 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses .....	7,373.89

**01 51 13 00-0006 Temporary 120/208 Volt Main Lug Panelboard Complete With Branch Fuses** (01 51 13)

Note: Includes mounting on wall and removal after use.

01 51 13 00-0007	EA	Temporary 100 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	1,618.08
01 51 13 00-0008	EA	Temporary 200 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	2,316.69
01 51 13 00-0009	EA	Temporary 400 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	3,609.24
01 51 13 00-0010	EA	Temporary 600 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	5,219.04

**01 51 13 00-0011 Temporary Conduit And Cable For Temporary Disconnect Switches And Temporary Panelboards** (01 51 13)

Note: Includes all connections, fittings, supports and removal after use.

01 51 13 00-0012	LF	Temporary SER Cable (Conduit As Required) For Temporary Disconnect Switches And Temporary Panelboards .....	9.49
01 51 13 00-0013	LF	Temporary Branch Circuit Conduit And Wiring For Temporary Disconnect Switches And Temporary Panelboards .....	10.40

**01 51 26 Temporary Lighting** (01 51)

**01 51 26 00-0001 Temporary Devices** (01 51 26)

Note: Includes removal after use.

01 51 26 00-0002	EA	Temporary Exit Light.....	320.73
01 51 26 00-0003	EA	Temporary 10 Light String With Cages.....	117.86
01 51 26 00-0004	EA	Temporary High Bay Light .....	445.92

**01 52 Construction Facilities** (01 50)

Note: Tasks in this section shall be used as directed by owner for owner's use.

**01 52 13 Field Offices and Sheds** (01 52)

**01 52 13 00-0001 Field Offices** (01 52 13)

Note: Excludes furniture, utility connections and service. Minimum 6 months rental.

01 52 13 00-0002	MO	8' x 24' Mobile Office, With Toilet.....	166.62
		<i>For Each Delivery And Removal, Two Round Trips, Add</i>	852.15
		<i>For Each Set-Up (Block And Level), Add</i>	388.51
		<i>For Each Anchoring Into Dirt, Add</i>	118.47
		<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	177.71
		<i>For Office Trailer Without Toilet, Deduct</i>	-33.32





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 13 00-0003 MO 8' x 32' Mobile Office, With Toilet.....	188.83	
For Each Delivery And Removal, Two Round Trips, Add	852.15	
For Each Set-Up (Block And Level), Add	388.51	
For Each Anchoring Into Dirt, Add	118.47	
For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
For Office Trailer Without Toilet, Deduct	-37.77	
01 52 13 00-0004 MO 10' x 36' Mobile Office, With Toilet.....	255.48	
For Each Delivery And Removal, Two Round Trips, Add	1,207.22	
For Each Set-Up (Block And Level), Add	633.89	
For Each Anchoring Into Dirt, Add	118.47	
For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
For Office Trailer Without Toilet, Deduct	-51.10	
01 52 13 00-0005 MO 10' x 40' Mobile Office, With Toilet.....	272.15	
For Each Delivery And Removal, Two Round Trips, Add	1,207.22	
For Each Set-Up (Block And Level), Add	633.89	
For Each Anchoring Into Dirt, Add	118.47	
For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
For Office Trailer Without Toilet, Deduct	-54.43	
01 52 13 00-0006 MO 10' x 44' Mobile Office, With Toilet.....	299.92	
For Each Delivery And Removal, Two Round Trips, Add	1,207.22	
For Each Set-Up (Block And Level), Add	633.89	
For Each Anchoring Into Dirt, Add	118.47	
For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
01 52 13 00-0007 MO 10' x 50' Mobile Office, With Toilet.....	316.58	
For Each Delivery And Removal, Two Round Trips, Add	1,207.22	
For Each Set-Up (Block And Level), Add	633.89	
For Each Anchoring Into Dirt, Add	118.47	
For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
01 52 13 00-0008 MO 12' x 32' Mobile Office, With Toilet.....	244.93	
For Each Anchoring Into Dirt, Add	118.47	
For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
For Each Delivery And Set-Up (Block And Level), Add	977.33	
For Each Knock-Down And Pick-Up, Add	782.33	
01 52 13 00-0009 MO 12' x 44' Mobile Office, With Toilet.....	327.47	
For Each Delivery And Removal, Two Round Trips, Add	1,207.22	
For Each Set-Up (Block And Level), Add	633.89	
For Each Anchoring Into Dirt, Add	118.47	
For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
01 52 13 00-0010 MO 12' x 50' Mobile Office, With Toilet.....	372.12	
For Each Delivery And Removal, Two Round Trips, Add	1,207.22	
For Each Set-Up (Block And Level), Add	633.89	
For Each Anchoring Into Dirt, Add	118.47	
For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
01 52 13 00-0011 MO 12' x 60' Mobile Office, With Toilet.....	405.44	
For Each Delivery And Removal, Two Round Trips, Add	1,207.22	
For Each Set-Up (Block And Level), Add	633.89	
For Each Anchoring Into Dirt, Add	118.47	
For Each Anchoring Into Asphalt Or Concrete, Add	177.71	
<b>01 52 13 00-0012 Accessories For Field Office Trailers (01 52 13)</b>		
Note: Costs includes installation or placement in trailer.		
01 52 13 00-0013 MO Desk For Field Office Trailer.....	45.84	
01 52 13 00-0014 MO Rolling Desk Chair For Field Office Trailer.....	28.65	
01 52 13 00-0015 MO File Cabinet For Field Office Trailer.....	34.38	
01 52 13 00-0016 MO Table For Field Office Trailer.....	22.92	
01 52 13 00-0017 MO Folding Chair For Field Office Trailer.....	10.86	
01 52 13 00-0018 EA Phone Hook-Up For Field Office Trailer.....	126.07	
01 52 13 00-0019 MO Local Phone Service Per Phone Line For Field Office Trailer.....	80.23	
01 52 13 00-0020 MO Security System With Monitoring For Field Office Trailer.....	144.45	
01 52 13 00-0021 LF Perimeter Trailer Skirting For Field Office Trailer.....	14.22	
01 52 13 00-0022 LF Insulated Perimeter Trailer Skirting For Field Office Trailer.....	33.68	
01 52 13 00-0023 MO Steps For Field Office Trailer.....	41.47	
01 52 13 00-0024 MO Fax Machine For Field Office Trailer.....	57.30	
01 52 13 00-0025 MO Copier For Field Office Trailer.....	91.69	
<b>01 52 13 00-0026 Storage Containers (01 52 13)</b>		
01 52 13 00-0027 MO 8' x 8' x 10' Storage Container.....	192.50	
For Each Delivery And Removal, Two Round Trips, Add	225.69	
For >12 Months, Deduct	-57.75	
01 52 13 00-0028 MO 8' x 8' x 20' Storage Container.....	201.25	
For Each Delivery And Removal, Two Round Trips, Add	248.26	
For >12 Months, Deduct	-60.38	
01 52 13 00-0029 MO 8' x 8' x 40' Storage Container.....	238.00	
For Each Delivery And Removal, Two Round Trips, Add	500.00	
For >12 Months, Deduct	-71.40	
<b>01 52 19 Sanitary Facilities (01 52)</b>		
<b>01 52 19 00-0001 Portable Toilets (01 52 19)</b>		
Note: Includes set-up, servicing once per week and removal.		

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 50</b>	<b>Temporary Facilities and Controls</b>
	<b>01 52</b>	<b>Construction Facilities</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 19 00-0002 WK Portable Chemical Toilet..... <i>For Each Additional Servicing Per Unit Per Week, Add</i> <i>For Each Delivery, Add</i>	59.00 25.00 75.00	
01 52 19 00-0003 MO Portable Chemical Toilet..... <i>For Each Additional Servicing Per Unit Per Week, Add</i> <i>For Each Delivery, Add</i>	177.00 25.00 75.00	
01 52 19 00-0004 WK Americans With Disabilities Act Compliant Portable Chemical Toilet..... <i>For Each Additional Servicing Per Unit Per Week, Add</i> <i>For Each Delivery, Add</i>	70.37 25.00 75.00	
01 52 19 00-0005 MO Americans With Disabilities Act Compliant Portable Chemical Toilet..... <i>For Each Additional Servicing Per Unit Per Week, Add</i> <i>For Each Delivery, Add</i>	206.49 25.00 75.00	
01 52 19 00-0006 WK Two Station Portable Handwash..... <i>For Each Delivery, Add</i>	43.93 75.00	
01 52 19 00-0007 MO Two Station Portable Handwash..... <i>For Each Delivery, Add</i>	133.24 75.00	
01 52 19 00-0008 MO 6 Station, Portable Toilets, Multi Trailer ..... Note: Includes women's room (3 toilets, 2 sinks) and men's room (1 toilet, 1 urinal and 1 sink)	3,661.58	
01 52 19 00-0009 WK Service 6 Station Trailer Restrooms, 3 Times Per Week.....	2,112.45	

**01 54 Construction Aids** (01 50)

**01 54 09 Personnel Protection Equipment** (01 54)

**01 54 09 00-0001 Personnel Protection Equipment** (01 54 09)

Note: Personnel Protection Equipment (PPE) for workers safety is considered as part of the Contractor's and Workers responsibility. Includes, but are not limited to; protective work gloves, hearing protection, protective clothing, reflective vests, safety glasses or face shields, dust masks, hard hats, appropriate foot protection (slip resistant, puncture-resistant soles, safety-toed), safety harnesses with lifeline, etc. Review JOC Note and specifications for requirements.

01 54 09 00-0002 NTE Personnel Protection Equipment.....	0.00
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**01 54 23 Temporary Scaffolding and Platforms** (01 54)

**01 54 23 00-0001 Scaffolding** (01 54 23)

Note: Additional scaffolding rental for work above the normal working height.

**01 54 23 00-0002 Scaffolding Rental - Rental Only** (01 54 23 00-0001)

Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc. See CSI section 01 54 23 00-0006 for scaffolding erection and dismantling.

01 54 23 00-0003 CCF Scaffolding With Bracing Accessories - Area Based On 5' Wide Sections (CCF / Month)..... <i>For Up To 25, Add</i> <i>For &gt;25 To 50, Add</i> <i>For &gt;50 To 150, Add</i>	28.12 11.25 7.03 2.81
01 54 23 00-0004 CCF Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)..... <i>For Up To 25, Add</i> <i>For &gt;25 To 50, Add</i> <i>For &gt;50 To 150, Add</i>	31.62 12.65 7.91 3.16
01 54 23 00-0005 CCF Scaffolding With Bracing Accessories - Area Based On 3' Wide Sections (CCF / Month)..... <i>For Up To 25, Add</i> <i>For &gt;25 To 50, Add</i> <i>For &gt;50 To 150, Add</i>	42.18 16.87 10.55 4.22

**01 54 23 00-0006 Scaffolding Erection And Dismantling - Labor Only** (01 54 23 00-0001)

Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0002 for scaffolding rental.

01 54 23 00-0007 CCF Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....	52.38
01 54 23 00-0008 CCF >20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....	65.48
01 54 23 00-0009 CCF >40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....	78.57
01 54 23 00-0010 CCF >60' To 80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....	86.43
01 54 23 00-0011 CCF >80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....	99.52
01 54 23 00-0012 CCF Up To 20' Height Scaffolding Initial Erection And Final Dismantling Set Up On Stairs, Per CCF Of Scaffolding And Accessories .....	62.86

**01 54 23 00-0013 Scaffolding Accessories** (01 54 23 00-0001)

01 54 23 00-0014 CSF Netting for Exterior Building Scaffolding..... Note: Includes removal after use.	35.64
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**01 54 23 00-0015 Rolling Scaffolding** (01 54 23)

Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.

01 54 23 00-0016 DAY >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	10.39
01 54 23 00-0017 WK >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	41.65
01 54 23 00-0018 MO >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	166.57
01 54 23 00-0019 DAY >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	17.40
01 54 23 00-0020 WK >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	69.68
01 54 23 00-0021 MO >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	278.76



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 23 00-0022 EA >14' To 20', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold.....	98.56	
01 54 23 00-0023 EA >20' To 40', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold.....	123.20	
<b>01 54 23 00-0024 Shoring Posts (01 54 23)</b>		
Note: Includes moving to perform task and removal after use. No additional cost for relocating will be allowed.		
01 54 23 00-0025 DAY 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post.....	6.44	
01 54 23 00-0026 WK 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post.....	19.31	
01 54 23 00-0027 MO 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post.....	32.19	
<b>01 54 23 00-0028 Temporary Lumber (01 54 23)</b>		
Note: Includes removal after use.		
01 54 23 00-0029 SF 5/16" CD Grade Plywood, Temporary Lumber.....	2.70	
01 54 23 00-0030 SF 1/2" CD Grade Plywood, Temporary Lumber.....	2.84	
01 54 23 00-0031 SF 5/8" CD Grade Plywood, Temporary Lumber.....	3.49	
01 54 23 00-0032 SF 3/4" CD Grade Plywood, Temporary Lumber.....	3.90	
01 54 23 00-0033 SF 1" CD Grade Plywood, Temporary Lumber.....	5.92	
01 54 23 00-0034 LF 2" x 4" Temporary Lumber.....	3.07	
01 54 23 00-0035 LF 2" x 6" Temporary Lumber.....	3.86	
01 54 23 00-0036 LF 2" x 8" Temporary Lumber.....	4.65	
01 54 23 00-0037 LF 2" x 10" Temporary Lumber.....	5.46	
01 54 23 00-0038 LF 2" x 12" Temporary Lumber.....	6.25	
01 54 23 00-0039 LF 3" x 8" Temporary Lumber.....	6.25	
01 54 23 00-0040 LF 3" x 10" Temporary Lumber.....	7.44	
01 54 23 00-0041 LF 3" x 12" Temporary Lumber.....	8.63	
01 54 23 00-0042 LF 4" x 4" Temporary Lumber.....	4.08	
01 54 23 00-0043 LF 4" x 6" Temporary Lumber.....	5.80	
01 54 23 00-0044 LF 6" x 6" Temporary Lumber.....	7.53	
01 54 23 00-0045 LF 6" x 8" Temporary Lumber.....	9.75	
01 54 23 00-0046 LF 12" x 12" Temporary Lumber.....	23.47	
<b>01 54 23 00-0047 Temporary Precast Concrete Blocks (01 54 23)</b>		
Note: Includes removal after use.		
01 54 23 00-0048 EA 2' x 2' x 2' Temporary Precast Concrete Block.....	100.87	
01 54 23 00-0049 EA 2' x 2' x 4' Temporary Precast Concrete Block.....	126.08	
01 54 23 00-0050 EA 2' x 2' x 8' Temporary Precast Concrete Block.....	151.31	
<b>01 56 Temporary Barriers and Enclosures (01 56)</b>		
Note: Includes removal after use.		
<b>01 56 16 Temporary Dust Barriers (01 56)</b>		
<b>01 56 16 00-0001 Temporary Sheeting For Protection (01 56 16)</b>		
Note: Includes removal after use.		
01 56 16 00-0002 SF 6 Mil, Plastic Sheeting, Applied To Floors.....	0.33	
01 56 16 00-0003 SF 6 Mil, Plastic Sheeting, Applied To Walls.....	0.43	
01 56 16 00-0004 SF 6 Mil, Plastic Sheeting, Applied To Ceilings.....	0.57	
01 56 16 00-0005 SF 6 Mil, Plastic Sheeting, Applied To Scaffolding.....	0.57	
01 56 16 00-0006 SF 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors.....	0.40	
01 56 16 00-0007 SF 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls.....	0.50	
01 56 16 00-0008 SF 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings.....	0.64	
01 56 16 00-0009 SF 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Scaffolding.....	0.61	
01 56 16 00-0010 SF 10 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding.....	0.77	
01 56 16 00-0011 SF 6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Floors.....	0.42	
01 56 16 00-0012 SF 6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Walls.....	0.52	
01 56 16 00-0013 SF 6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Ceilings.....	0.66	
01 56 16 00-0014 SF 6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Scaffolding.....	0.63	
01 56 16 00-0015 SF 6 Mil, Reinforced, Plastic Sheeting, Applied To Floors.....	0.41	
01 56 16 00-0016 SF 6 Mil, Reinforced, Plastic Sheeting, Applied To Walls.....	0.51	
01 56 16 00-0017 SF 6 Mil, Reinforced, Plastic Sheeting, Applied To Ceilings.....	0.65	
01 56 16 00-0018 SF 6 Mil, Reinforced, Plastic Sheeting, Applied To Scaffolding.....	0.62	
01 56 16 00-0019 SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Floors.....	0.47	
01 56 16 00-0020 SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Walls.....	0.57	
01 56 16 00-0021 SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Ceilings.....	0.71	
01 56 16 00-0022 SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding.....	0.68	
<b>01 56 16 00-0023 Accessories For Temporary Sheeting (01 56 16)</b>		
Note: Includes removal after use.		
01 56 16 00-0024 EA 7' Zipper Door For Plastic Sheeting.....	21.59	
01 56 16 00-0025 LF Zip Wall Kit And ICRA Dust Control Awareness Barrier (Per LF Of Wall).....	8.20	
Note: Includes up to 12' long spring loaded poles, side clamps, foam rails and 6 mil poly barrier. Excludes zip doors.		
<b>01 56 16 00-0026 Temporary Critical Barriers For Protection (01 56 16)</b>		
Note: Includes removal after use.		
01 56 16 00-0027 EA Up To 1 SF Individual Critical Barriers.....	11.86	
Note: For Outlets And Receptacles		

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 50</b>	<b>Temporary Facilities and Controls</b>
	<b>01 56</b>	<b>Temporary Barriers and Enclosures</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0028	EA		>1 To 4 SF Individual Critical Barriers ..... Note: For diffusers, ceiling speakers, return grilles, etc.	17.95	
01 56 16 00-0029	EA		>4 To 8 SF Individual Critical Barriers ..... Note: For diffusers, return grilles, access doors, light fixtures, etc.	24.12	
01 56 16 00-0030	EA		>8 To 32 SF Individual Critical Barriers..... Note: For doors, windows, etc.	37.48	
<b>01 56 16 00-0031</b>			<b>Temporary Stud Wall</b> <small>(01 56 16)</small> Note: Includes removal after use.		
<b>01 56 16 00-0032</b>			<b>Temporary Stud Wall With Drywall</b> <small>(01 56 16 00-0031)</small> Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, drywall taped and finished and removal after use. Excludes paint.		
<b>01 56 16 00-0033</b>			<b>Temporary Stud Wall With Drywall</b> <small>(01 56 16 00-0032)</small>		
01 56 16 00-0034	SF		3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.24 0.62	
01 56 16 00-0035	SF		1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.24 0.62	
01 56 16 00-0036	SF		5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.32 0.62	
01 56 16 00-0037	SF		3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.57 0.72	
01 56 16 00-0038	SF		1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.57 0.72	
01 56 16 00-0039	SF		5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.73 0.72	
<b>01 56 16 00-0040</b>			<b>Temporary Stud Wall With Fire Rated Drywall</b> <small>(01 56 16 00-0032)</small>		
01 56 16 00-0041	SF		1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.33 0.62	
01 56 16 00-0042	SF		5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.36 0.62	
01 56 16 00-0043	SF		5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.31 0.62	
01 56 16 00-0044	SF		3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.93 0.62	
01 56 16 00-0045	SF		1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.75 0.72	
01 56 16 00-0046	SF		5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.80 0.72	
01 56 16 00-0047	SF		5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.71 0.72	
01 56 16 00-0048	SF		3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	9.95 0.72	
<b>01 56 16 00-0049</b>			<b>Temporary Stud Wall With Oriented Strand Board (OSB)</b> <small>(01 56 16 00-0031)</small> Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0050	SF		7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.23 0.62	
01 56 16 00-0051	SF		1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.28 0.62	
01 56 16 00-0052	SF		5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.42 0.62	
01 56 16 00-0053	SF		3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.49 0.62	
01 56 16 00-0054	SF		7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.55 0.72	
01 56 16 00-0055	SF		1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.65 0.72	
01 56 16 00-0056	SF		5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.92 0.72	
01 56 16 00-0057	SF		3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	9.06 0.72	
<b>01 56 16 00-0058</b>			<b>Temporary Stud Wall With BC Plywood</b> <small>(01 56 16 00-0031)</small> Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0059	SF		3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.56 0.62	
01 56 16 00-0060	SF		1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.73 0.62	
01 56 16 00-0061	SF		5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	7.40 0.62	
01 56 16 00-0062	SF		3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	7.62 0.62	
01 56 16 00-0063	SF		3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	9.20 0.72	



<b>General Requirements</b>			<b>01</b>
Temporary Facilities and Controls			01 50
Temporary Barriers and Enclosures			01 56

10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0064	SF		1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	9.55 0.72	
01 56 16 00-0065	SF		5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	10.89 0.72	
01 56 16 00-0066	SF		3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	11.32 0.72	
<b>01 56 16 00-0067</b>			<b>Temporary Stud Wall With Plastic Sheeting</b> <small>(01 56 16 00-0031)</small> Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheeting, and removal after use.		
01 56 16 00-0068	SF		6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	3.63 0.51	
01 56 16 00-0069	SF		6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	3.70 0.51	
01 56 16 00-0070	SF		6 Mil, Fire Retardant, Anti-Static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	3.72 0.51	
01 56 16 00-0071	SF		6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	3.71 0.51	
01 56 16 00-0072	SF		6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center ..... <i>For Metal Studs 24" On Center, Add/Deduct</i>	3.77 0.51	
<b>01 56 16 00-0073</b>			<b>Temporary Doors</b> <small>(01 56 16 00-0031)</small> Note: For temporary stud walls. Includes removal after use.		
01 56 16 00-0074	EA		Temporary Metal Door And Frame ..... Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.	641.83	
<b>01 56 16 00-0075</b>			<b>Temporary Floor Protection</b> <small>(01 56 16)</small> Note: Includes removal after use.		
01 56 16 00-0076	SF		Masonite For Temporary Floor Protection .....	1.86	
01 56 16 00-0077	SF		1/2" Plywood For Temporary Floor Protection .....	1.87	
01 56 16 00-0078	SF		3/4" Plywood For Temporary Floor Protection .....	2.51	
01 56 16 00-0079	LF		38" Wide, 46 Mil Fiberboard, Ram Board® For Temporary Floor Protection .....	1.12	
01 56 16 00-0080	LF		36" Wide, 9 Mil, Regular Weight Red Rosin Paper, For Temporary Floor Protection .....	0.33	
01 56 16 00-0081	CSF		3 Mil, Temporary Self-adhesive Carpet Protection Film.....	22.38	
01 56 16 00-0082	SF		Burlap For Temporary Floor Protection .....	0.68	
<b>01 56 16 00-0083</b>			<b>Sticky Mats</b> <small>(01 56 16)</small> Note: Includes removal after use.		
01 56 16 00-0084	EA		18" x 36", 30 Layer Sticky Mat..... <i>For 60 Layers Instead Of 30, Add</i>	30.50 19.91	
01 56 16 00-0085	EA		18" x 46", 30 Layer Sticky Mat..... <i>For 60 Layers Instead Of 30, Add</i>	34.93 23.24	
01 56 16 00-0086	EA		24" x 36", 30 Layer Sticky Mat..... <i>For 60 Layers Instead Of 30, Add</i>	34.93 23.24	
01 56 16 00-0087	EA		25" x 45", 30 Layer Sticky Mat..... <i>For 60 Layers Instead Of 30, Add</i>	45.99 31.53	
01 56 16 00-0088	EA		36" x 36", 30 Layer Sticky Mat..... <i>For 60 Layers Instead Of 30, Add</i>	50.42 34.85	
01 56 16 00-0089	EA		36" x 46", 30 Layer Sticky Mat..... <i>For 60 Layers Instead Of 30, Add</i>	54.84 38.17	
01 56 16 00-0090	EA		36" x 60", 30 Layer Sticky Mat..... <i>For 60 Layers Instead Of 30, Add</i>	110.16 79.66	
01 56 16 00-0091	EA		36" x 72", 30 Layer Sticky Mat.....	131.41	
<b>01 58</b>			<b>Project Identification</b> <small>(01 50)</small> Note: Includes removal after use.		
<b>01 58 13</b>			<b>Temporary Project Signage</b> <small>(01 58)</small>		
01 58 13 00-0001			<b>Project Sign</b> <small>(01 58 13)</small>		
01 58 13 00-0002			<b>MDO Plywood Signs</b> <small>(01 58 13 00-0001)</small> Note: Excludes posts.		
01 58 13 00-0003			<b>Reflectorized, MDO Plywood Signs</b> <small>(01 58 13 00-0002)</small>		
01 58 13 00-0004			<b>Engineer Grade, Reflectorized, MDO Plywood Signs</b> <small>(01 58 13 00-0003)</small>		
01 58 13 00-0005	EA		Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign ..... <i>For High-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	143.13 34.91 67.32	21.70
01 58 13 00-0006	EA		>8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign..... <i>For High-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	244.82 69.81 134.63	22.69
01 58 13 00-0007	EA		>16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign..... <i>For High-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	346.53 104.71 201.95	23.67
01 58 13 00-0008	EA		>24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign..... <i>For High-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	448.22 139.62 269.26	24.66

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 50</b>	<b>Temporary Facilities and Controls</b>
	<b>01 58</b>	<b>Project Identification</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 58 13 00-0009 SF >32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign ..... <i>For High-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	14.05 4.36 8.42	0.79
<b>01 58 13 00-0010 Non-Reflectorized, MDO Plywood Signs</b> (01 58 13 00-0002)		
<b>01 58 13 00-0011 One Or Two Color Design, Non-Reflectorized, MDO Plywood Signs</b> (01 58 13 00-0010)		
01 58 13 00-0012 EA Up To 8 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign .....	178.70	21.70
01 58 13 00-0013 EA >8 To 16 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign .....	212.96	22.69
01 58 13 00-0014 EA >16 To 24 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign .....	266.45	23.67
01 58 13 00-0015 EA >24 To 32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign .....	316.94	24.66
01 58 13 00-0016 SF >32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign .....	9.94	0.79
<b>01 58 13 00-0017 Full Color Design, Non-Reflectorized, MDO Plywood Signs</b> (01 58 13 00-0010)		
01 58 13 00-0018 EA Up To 8 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign .....	182.51	21.70
01 58 13 00-0019 EA >8 To 16 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign .....	233.50	22.69
01 58 13 00-0020 EA >16 To 24 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign .....	287.31	23.67
01 58 13 00-0021 EA >24 To 32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign .....	334.83	24.66
01 58 13 00-0022 SF >32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign .....	10.50	0.79
<b>01 58 13 00-0023 Fabricate And Install New Posts</b> (01 58 13 00-0001) Note: Includes excavation, backfill and compaction. Excludes core drilling.		
01 58 13 00-0024 LF Galvanized Metal Channel Sign Posts .....	14.93	
01 58 13 00-0025 LF 4" x 4" Pressure Treated Wood Sign Posts .....	12.59	
01 58 13 00-0026 LF 4" x 6" Pressure Treated Wood Sign Posts .....	14.92	
<b>01 58 13 00-0027 Owner Supplied Signs</b> (01 58 13 00-0001)		
01 58 13 00-0028 EA Installation And Removal Of Owner Supplied Project Sign .....	78.91	

**01 60 Product Requirements** (01)

**01 66 Product Storage and Handling Requirements** (01 60)

**01 66 19 Product Handling Requirements** (01 66)

Note: Not for use in conjunction with other tasks when the distance is less than 2 stories or less than 125'.

<b>01 66 19 00-0001 Transfer Delivered Materials Between Floors</b> (01 66 19) Note: For moving delivered, owner supplied or existing materials in a building.		
01 66 19 00-0002 CY Transfer Delivered Material Between Floors Via Stairs, Per Floor .....	15.18	
01 66 19 00-0003 CY Transfer Delivered Material Between Floors Via Elevator, Per Trip .....	9.86	
Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.		
<b>01 66 19 00-0004 Transfer Delivered Materials Distances Greater Than 125'</b> (01 66 19) Note: For moving delivered, owner supplied or existing materials in a building.		
01 66 19 00-0005 CY Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125' .....	6.16	
<b>01 66 19 00-0006 Transfer Demolition Debris Between Floors</b> (01 66 19) Note: Only for use with demolition tasks.		
01 66 19 00-0007 CY Transfer Demolition Debris Between Floors Via Stairs, Per Floor .....	15.18	
Note: Quantity equals material volume times bulk factor times number of floors traveled.		
01 66 19 00-0008 CY Transfer Demolition Debris Between Floors Via Elevator, Per Trip .....	9.86	
Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.		
<b>01 66 19 00-0009 Transfer Demolition Debris Distances Greater Than 125'</b> (01 66 19) Note: Only for use with demolition tasks.		
01 66 19 00-0010 CY Transfer Demolition Debris Distances Greater Than 125', Per CY Of Material Per 125' .....	6.16	
<b>01 66 19 00-0011 Moving Furniture And Furnishings</b> (01 66 19) Note: To be used when contractor is required to move furniture and furnishings occupying 55% or more of the total floor space.		
01 66 19 00-0012 SF Removal, Transportation, Return And Reinstallation Of Office Furniture And Furnishings .....	0.98	
Note: Includes desks, tables, file cabinets, chairs, storage boxes, bookshelves, office equipment, computers, and other furniture and furnishings. Quantity equals total floor space.		

**01 70 Execution and Closeout Requirements** (01)

**01 71 Examination and Preparation** (01 70)



MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**01 71 13 Mobilization** (01 71)

<b>01 71 13 00-0001</b>	<b>Equipment Delivery, Pickup, Mobilization And Demobilization</b> <small>(01 71 13)</small> <small>Note: Excludes flagman for traffic control where necessary.</small>		
01 71 13 00-0002	EA Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck ..... <small>Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.</small>	276.36	
01 71 13 00-0003	EA Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed..... <small>Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with &gt;40' boom lengths, etc.</small>	951.57	
<b>01 71 13 00-0004</b>	<b>Crane Delivery, Pickup, Mobilization And Demobilization</b> <small>(01 71 13)</small> <small>Note: Includes delivery of equipment, off loading on site and rigging. Pick-up (return) includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.</small>		
01 71 13 00-0005	EA Up To 20 Ton Lift Move On/Off Cost, Hydraulic Crane ..... <small>Note: Includes delivery and pickup.</small>	442.18	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	110.55	
	<i>For &gt;60 To 100 Miles Radius, Add</i>	176.87	
01 71 13 00-0006	EA >20 To 40 Ton Lift Move On/Off Cost, Hydraulic Crane ..... <small>Note: Includes delivery and pickup.</small>	718.55	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	179.64	
	<i>For &gt;60 To 100 Miles Radius, Add</i>	287.42	
01 71 13 00-0007	EA >40 To 70 Ton Lift Move On/Off Cost, Hydraulic Crane ..... <small>Note: Includes delivery and pickup.</small>	994.91	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	248.73	
	<i>For &gt;60 To 100 Miles Radius, Add</i>	397.96	
01 71 13 00-0008	EA >70 To 110 Ton Lift Move On/Off Cost, Hydraulic Crane ..... <small>Note: Includes delivery and pickup.</small>	1,602.91	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	400.73	
	<i>For &gt;60 To 100 Miles Radius, Add</i>	641.16	
01 71 13 00-0009	EA 75 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane ..... <small>Note: Includes delivery, rigging and pickup.</small>	1,713.45	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	428.36	
	<i>For &gt;60 To 100 Miles Radius, Add</i>	685.38	
01 71 13 00-0010	EA 100 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane ..... <small>Note: Includes delivery, rigging and pickup.</small>	2,708.36	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	677.09	
	<i>For &gt;60 To 100 Miles Radius, Add</i>	1,083.34	
01 71 13 00-0011	EA 125 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane ..... <small>Note: Includes delivery, rigging and pickup.</small>	3,426.90	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	856.73	
	<i>For &gt;60 To 100 Miles Radius, Add</i>	1,370.76	
01 71 13 00-0012	EA 150 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane ..... <small>Note: Includes delivery, rigging and pickup.</small>	4,255.99	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	1,064.00	
	<i>For &gt;60 To 100 Miles Radius, Add</i>	1,702.40	
01 71 13 00-0013	EA 250 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane ..... <small>Note: Includes delivery, rigging and pickup.</small>	6,190.53	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	1,547.63	
	<i>For &gt;60 To 100 Miles Radius, Add</i>	2,476.21	
01 71 13 00-0014	EA 300 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane ..... <small>Note: Includes delivery, rigging and pickup.</small>	8,843.62	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	2,210.91	
	<i>For &gt;60 To 100 Miles Radius, Add</i>	3,537.45	
01 71 13 00-0015	EA 500 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane ..... <small>Note: Includes delivery, rigging and pickup.</small>	12,126.81	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	3,031.70	
	<i>For &gt;60 To 100 Miles Radius, Add</i>	4,850.72	

**01 74 Cleaning and Waste Management** (01 70)

**01 74 13 Progress Cleaning** (01 74)

Note: For use on existing areas other than where actual work is to be performed where ordered by the owner. Daily cleanup and final cleanup is included in the contractor's adjustment factor.

<b>01 74 13 00-0001</b>	<b>General</b> <small>(01 74 13)</small>		
01 74 13 00-0002	CSF Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent.....	19.75	
01 74 13 00-0003	CY Collect Existing Debris And Load Into Truck Or Dumpster ..... <small>Note: Per CY of debris removed.</small>	23.14	

**01 74 19 Construction Waste Management and Disposal** (01 74)

Note: Tasks in this section shall be used as directed by owner.

<b>01 74 19 00-0001</b>	<b>Debris Chutes</b> <small>(01 74 19)</small> <small>Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.</small>		
<b>01 74 19 00-0002</b>	<b>Steel Temporary Debris Chutes</b> <small>(01 74 19 00-0001)</small>		
01 74 19 00-0003	LF 18" Diameter, Steel Temporary Debris Chute.....	36.55	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 70</b>	<b>Execution and Closeout Requirements</b>
	<b>01 74</b>	<b>Cleaning and Waste Management</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 19 00-0004 LF 30" Diameter, Steel Temporary Debris Chute.....	55.00	
<b>01 74 19 00-0005 Plastic Temporary Debris Chutes</b> (01 74 19 00-0001)		
01 74 19 00-0006 LF 24" Diameter, Plastic Temporary Debris Chute .....	14.45	
For Steel Liner, Add .....	2.79	
01 74 19 00-0007 LF 30" Diameter, Plastic Temporary Debris Chute .....	16.57	
For Steel Liner, Add .....	3.21	
01 74 19 00-0008 LF 36" Diameter, Plastic Temporary Debris Chute .....	18.67	
For Steel Liner, Add .....	3.61	
<b>01 74 19 00-0009 Wood Temporary Debris Chutes</b> (01 74 19 00-0001)		
01 74 19 00-0010 LF 4' x 4', Wood Temporary Debris Chute .....	27.98	
Note: Includes fabrication and installation.		
<b>01 74 19 00-0011 Construction Dumpsters Rental</b> (01 74 19)		
Note: Includes service to delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Use modifier for excess tons up to legal state limit. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides and pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.		
01 74 19 00-0012 EA 10 CY Dumpster (1.5 Ton) "Construction Debris".....	585.00	
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
For Each Ton Over Indicated Amount, Add .....	95.00	
01 74 19 00-0013 EA 15 CY Dumpster (2 Ton) "Construction Debris" .....	584.98	
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
For Each Ton Over Indicated Amount, Add .....	95.00	
01 74 19 00-0014 EA 20 CY Dumpster (3 Ton) "Construction Debris".....	635.00	
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
For Each Ton Over Indicated Amount, Add .....	95.00	
01 74 19 00-0015 EA 30 CY Dumpster (4 Ton) "Construction Debris" .....	684.98	
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
For Each Ton Over Indicated Amount, Add .....	95.00	
01 74 19 00-0016 EA 40 CY Dumpster (6 Ton) "Construction Debris" .....	765.00	
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
For Each Ton Over Indicated Amount, Add .....	95.00	
01 74 19 00-0017 EA 10 CY Low-Boy Dumpster "Concrete Or Asphalt Only" .....	765.00	
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.		
01 74 19 00-0018 EA 15 CY Low-Boy Dumpster Clean Recyclable.....	732.21	
Note: For clean dirt, rock, concrete brick or asphalt with no trash or organics. Includes service to deliver and pick-up dumpster, hauling, rental and disposal fee.		
01 74 19 00-0019 EA 15 CY Low-Boy Dumpster Mixed Recyclable .....	786.85	
Note: For mixed dirt, rock, concrete brick or asphalt with no trash or organics. Includes service to deliver and pick-up dumpster, hauling, rental and disposal fee.		
<b>01 74 19 00-0020 Concrete Washout Service</b> (01 74 19)		
01 74 19 00-0021 MO Ramplless Concrete Washout Bin .....	546.47	
Note: Includes delivery.		
01 74 19 00-0022 MO Ramped Concrete Washout Bin.....	655.77	
Note: Includes delivery.		
01 74 19 00-0023 EA Interim Vacuum Service, Concrete Washout Bin .....	498.66	
Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.		
01 74 19 00-0024 EA Vacuum, Pickup, Swap And Dump, Concrete Washout Bin .....	1,080.43	
Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.		
<b>01 74 19 00-0025 Debris Processing Fee</b> (01 74 19)		
<b>01 74 19 00-0026 Material Recycling Fees</b> (01 74 19 00-0025)		
Note: Not to be used with Dumpster Tasks which includes the Landfill Dump Fee. Excludes hauling.		
01 74 19 00-0027 CY Drop-Off Asphalt At Recycling Center.....	45.04	
01 74 19 00-0028 CY Drop-Off Non Reinforced Concrete At Recycling Center .....	60.34	
01 74 19 00-0029 CY Drop-Off Reinforced Concrete At Recycling Center.....	90.52	
01 74 19 00-0030 CY Drop-Off Brick Or Block At Recycling Center.....	78.45	
01 74 19 00-0031 CY Drop-Off Dirt At Recycling Center.....	87.50	
01 74 19 00-0032 CY Drop-Off Dimensional Lumber At Recycling Center.....	84.48	
<b>01 74 19 00-0033 Landfill Dump Fees</b> (01 74 19 00-0025)		
Note: Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling. See CSI section 01 74 19 00-0039 for hauling.		
01 74 19 00-0034 CY Traditional Building Construction Materials Landfill Dump Fee.....	40.16	
01 74 19 00-0035 TON Traditional Building Construction Materials, Landfill Dump Fee.....	175.00	
01 74 19 00-0036 CY Trees, Stumps And Brush, Landfill Dump Fee.....	48.34	





<b>General Requirements</b>	<b>01</b>	<b>10</b>
<b>Execution and Closeout Requirements</b>	<b>01 70</b>	
<b>Cleaning and Waste Management</b>	<b>01 74</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 19 00-0037 CY Hazardous Materials And Rubbish Landfill Dump Fee ..... 115.26 Note: Includes regulated waste such as paint cans, refrigerators/freezers, air conditioners, smoke detectors, batteries, etc.	115.26	
01 74 19 00-0038 CY Asphalt, Concrete, Gravel And Subgrade Material, Landfill Dump Fee ..... 81.90	81.90	
<b>01 74 19 00-0039 Hauling</b> <small>(01 74 19)</small> Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM. Use both hauling tasks for distances greater than 15 miles. To haul 28 CY to a site 32 miles away, the quantity for the task to haul the first 15 miles is calculated: 15 miles x 28 CY = 420 CYM. The quantity for the additional hauling task over the first 15 miles is calculated: 32 total miles less 15 initial miles equals 17 miles x 28 CY = 476 CYM.		
01 74 19 00-0040 CYM Hauling On Paved Roads, First 15 Miles ..... 0.90	0.90	
01 74 19 00-0041 CYM Hauling On Paved Roads, Miles Over Initial 15 Miles..... 0.60	0.60	
01 74 19 00-0042 CYM Hauling On Unimproved Roads, First 15 Miles..... 1.38	1.38	
01 74 19 00-0043 CYM Hauling On Unimproved Roads, Miles Over Initial 15 Miles..... 1.08	1.08	

**END OF SECTION 01**

01	<b>01</b>	<b>General Requirements</b>
	01 70	Execution and Closeout Requirements
	01 74	Cleaning and Waste Management



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

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<b>Existing Conditions</b>	<b>02</b>	<b>02</b>
Subsurface Investigation	02 30	
Geotechnical Investigations	02 32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 02 Existing Conditions

### 02 30 Subsurface Investigation (02)

#### 02 32 Geotechnical Investigations (02 30)

##### 02 32 13 Subsurface Drilling and Sampling (02 32)

02 32 13 00-0001	Mobilization Of Drilling Crew <small>(02 32 13)</small>		
02 32 13 00-0002	EA Mobilization Of Drilling Crew.....		1,077.85
02 32 13 00-0003	Auger Borings <small>(02 32 13)</small>		
02 32 13 00-0004	LF Standard Auger Hole With Split Spoon Sample At 5' Intervals.....		32.46
02 32 13 00-0005	Cased Borings In Earth, With Samples <small>(02 32 13)</small>		
	Note: All types of soils.		
02 32 13 00-0006	LF 2-1/2" Diameter Cased Borings In Earth, With Samples.....		80.42
02 32 13 00-0007	LF 4" Diameter Cased Borings In Earth, With Samples.....		137.52
02 32 13 00-0008	Drilling In Rock, BW Core (2.125") <small>(02 32 13)</small>		
02 32 13 00-0009	LF Drill In Rock, BW Core, With Casing.....		85.45
	Note: Includes sampling.		
02 32 13 00-0010	EA Drill In Rock, With BW Core Boxes.....		7.94
02 32 13 00-0011	Drilling In Rock, NW Core (2.98") <small>(02 32 13)</small>		
02 32 13 00-0012	LF Drill In Rock, NW Core, With Casing.....		110.39
	Note: Includes sampling.		
02 32 13 00-0013	EA Drill In Rock, With NW Core Boxes.....		9.12
02 32 13 00-0014	Test Pits For Boring Activities <small>(02 32 13)</small>		
	Note: Excludes backfill.		
02 32 13 00-0015	Backhoe Dug Test Pits <small>(02 32 13 00-0014)</small>		
02 32 13 00-0016	CY Excavation For Test Pit, Light Material, Backhoe Excavation.....		61.46
02 32 13 00-0017	CY Excavation For Test Pits, Medium Material, Backhoe Excavation.....		71.71
02 32 13 00-0018	CY Excavation For Test Pit, Heavy Material, Backhoe Excavation.....		95.61
02 32 13 00-0019	Hand-Dug Test Pits <small>(02 32 13 00-0014)</small>		
02 32 13 00-0020	CY Excavation For Test Pit, Light Soil, Hand Excavation.....		175.33
02 32 13 00-0021	CY Excavation For Test Pit, Heavy Soil, Hand Excavation.....		315.60
02 32 13 00-0022	Shelby Tube Sampling <small>(02 32 13)</small>		
02 32 13 00-0023	EA Shelby Tube Sampling.....		43.55
02 32 13 00-0024	EA Penetration Test.....		35.49
02 32 13 00-0025	Grouting <small>(02 32 13)</small>		
02 32 13 00-0026	VLF Boreholes.....		8.26
02 32 19	Exploratory Excavations <small>(02 32)</small>		
02 32 19 00-0001	Hydro Excavation <small>(02 32 19)</small>		
	Note: Assumes on-site disposal.		
02 32 19 00-0002	EA Hydro Excavation, Mobilization/Demobilization.....		161.39
02 32 19 00-0003	EA Hydro Excavation, Minimum Charge.....		645.56
	Note: For projects where the total charge is less than the "Hydro Excavation Minimum" cost, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
02 32 19 00-0004	CY Hydro Excavation, Normal Soil Conditions (Hydro-Vac Truck).....		35.86
	Note: Normal soil conditions consist of silt, sand and gravel.		
02 32 19 00-0005	CY Hydro Excavation, Adverse Soil Conditions (Hydro-Vac Truck).....		57.38
	Note: Adverse soil conditions consist of clay, glacial till and rocks.		

### 02 40 Demolition and Structure Moving (02)

#### 02 41 Demolition (02 40)

##### 02 41 13 Selective Site Demolition (02 41)



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**02 41 13 13 Paving Removal** (02 41 13)

Note: Includes break-up of material, loading into truck or dumpster and clean-up. Salvage tasks include placement on pallets and storage on site.

**02 41 13 13-0001 By Machine, Break-up And Leave In Place Bituminous And Concrete Paving** (02 41 13 13)

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0001 for saw cutting.

02 41 13 13-0002	SY	Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving.....	6.50
		<i>For &gt;500 To 1,000, Deduct</i>	-0.65
		<i>For &gt;1,000 To 2,500, Deduct</i>	-1.17
		<i>For &gt;2,500 To 5,000, Deduct</i>	-1.69
		<i>For &gt;5,000 To 10,000, Deduct</i>	-2.21
		<i>For &gt;10,000, Deduct</i>	-2.73
02 41 13 13-0003	SY	>3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving.....	9.76
		<i>For &gt;500 To 1,000, Deduct</i>	-0.98
		<i>For &gt;1,000 To 2,500, Deduct</i>	-1.76
		<i>For &gt;2,500 To 5,000, Deduct</i>	-2.54
		<i>For &gt;5,000 To 10,000, Deduct</i>	-3.32
		<i>For &gt;10,000, Deduct</i>	-4.10
02 41 13 13-0004	SY	>6" To 8" By Machine, Break-up And Leave In Place Bituminous Paving.....	13.00
		<i>For &gt;500 To 1,000, Deduct</i>	-1.30
		<i>For &gt;1,000 To 2,500, Deduct</i>	-2.34
		<i>For &gt;2,500 To 5,000, Deduct</i>	-3.38
		<i>For &gt;5,000 To 10,000, Deduct</i>	-4.42
		<i>For &gt;10,000, Deduct</i>	-5.46
02 41 13 13-0005	SY	Up To 3" By Machine, Break-up And Leave In Place Concrete Paving.....	12.96
		<i>For &gt;500 To 1,000, Deduct</i>	-1.30
		<i>For &gt;1,000 To 2,500, Deduct</i>	-2.33
		<i>For &gt;2,500 To 5,000, Deduct</i>	-3.37
		<i>For &gt;5,000 To 10,000, Deduct</i>	-4.41
		<i>For &gt;10,000, Deduct</i>	-5.44
02 41 13 13-0006	SY	>3" To 6" By Machine, Break-up And Leave In Place Concrete Paving.....	18.29
		<i>For &gt;500 To 1,000, Deduct</i>	-1.83
		<i>For &gt;1,000 To 2,500, Deduct</i>	-3.29
		<i>For &gt;2,500 To 5,000, Deduct</i>	-4.76
		<i>For &gt;5,000 To 10,000, Deduct</i>	-6.22
		<i>For &gt;10,000, Deduct</i>	-7.68
02 41 13 13-0007	SY	>6" To 9" By Machine, Break-up And Leave In Place Concrete Paving.....	25.92
		<i>For &gt;500 To 1,000, Deduct</i>	-2.59
		<i>For &gt;1,000 To 2,500, Deduct</i>	-4.67
		<i>For &gt;2,500 To 5,000, Deduct</i>	-6.74
		<i>For &gt;5,000 To 10,000, Deduct</i>	-8.81
		<i>For &gt;10,000, Deduct</i>	-10.89
02 41 13 13-0008	SY	>9" To 14" By Machine, Break-up And Leave In Place Concrete Paving.....	36.59
		<i>For &gt;500 To 1,000, Deduct</i>	-3.66
		<i>For &gt;1,000 To 2,500, Deduct</i>	-6.59
		<i>For &gt;2,500 To 5,000, Deduct</i>	-9.51
		<i>For &gt;5,000 To 10,000, Deduct</i>	-12.44
		<i>For &gt;10,000, Deduct</i>	-15.37
02 41 13 13-0009	SY	>14" To 19" By Machine, Break-up And Leave In Place Concrete Paving.....	47.85
		<i>For &gt;500 To 1,000, Deduct</i>	-4.79
		<i>For &gt;1,000 To 2,500, Deduct</i>	-8.61
		<i>For &gt;2,500 To 5,000, Deduct</i>	-12.44
		<i>For &gt;5,000 To 10,000, Deduct</i>	-16.27
		<i>For &gt;10,000, Deduct</i>	-20.10
02 41 13 13-0010	SY	>19" To 24" By Machine, Break-up And Leave In Place Concrete Paving.....	62.20
		<i>For &gt;500 To 1,000, Deduct</i>	-6.22
		<i>For &gt;1,000 To 2,500, Deduct</i>	-11.20
		<i>For &gt;2,500 To 5,000, Deduct</i>	-16.17
		<i>For &gt;5,000 To 10,000, Deduct</i>	-21.15
		<i>For &gt;10,000, Deduct</i>	-26.12

**02 41 13 13-0011 By Hand, Break-up And Leave In Place Bituminous And Concrete Paving** (02 41 13 13)

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles with jackhammer and hand tools. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0001 for saw cutting.

02 41 13 13-0012	SF	Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving.....	1.58
02 41 13 13-0013	SF	>3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving.....	2.01
02 41 13 13-0014	SF	>6" To 8" By Hand, Break-up And Leave In Place Bituminous Paving.....	2.66
02 41 13 13-0015	SF	Up To 3" By Hand, Break-up And Leave In Place Concrete Paving.....	1.98
02 41 13 13-0016	SF	>3" To 6" By Hand, Break-up And Leave In Place Concrete Paving.....	2.51
02 41 13 13-0017	SF	>6" To 8" By Hand, Break-up And Leave In Place Concrete Paving.....	3.32



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13	13	0018	By Machine, Break-up And Remove Bituminous And Concrete Paving <sup>(02 41 13)</sup> <small>Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Excludes saw cutting. See CSI section 02 41 19 13-0001 for saw cutting.</small>		
02 41 13	13	0019	SY Up To 3" By Machine, Break-up And Remove Bituminous Paving ..... 14.46 For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add 4.34 <small>Note: (Around Existing Structures And Obstructions), Add</small> For Elevated Slab, Add 7.23 For >500 To 1,000, Deduct -1.45 For >1,000 To 2,500, Deduct -2.60 For >2,500 To 5,000, Deduct -3.76 For >5,000 To 10,000, Deduct -4.92 For >10,000, Deduct -6.07		
02 41 13	13	0020	SY >3" To 6" By Machine, Break-up And Remove Bituminous Paving..... 19.75 For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add 5.93 <small>Note: (Around Existing Structures And Obstructions), Add</small> For Elevated Slab, Add 9.88 For >500 To 1,000, Deduct -1.98 For >1,000 To 2,500, Deduct -3.56 For >2,500 To 5,000, Deduct -5.14 For >5,000 To 10,000, Deduct -6.72 For >10,000, Deduct -8.30		
02 41 13	13	0021	SY Up To 3" By Machine, Break-up And Remove Non Reinforced Concrete Paving..... 16.64 For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add 4.99 <small>Note: (Around Existing Structures And Obstructions), Add</small> For Elevated Slab, Add 8.32 For >500 To 1,000, Deduct -1.66 For >1,000 To 2,500, Deduct -3.00 For >2,500 To 5,000, Deduct -4.33 For >5,000 To 10,000, Deduct -5.66 For >10,000, Deduct -6.99		
02 41 13	13	0022	SY >3" To 6" By Machine, Break-up And Remove Non Reinforced Concrete Paving..... 21.77 For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add 6.53 <small>Note: (Around Existing Structures And Obstructions), Add</small> For Elevated Slab, Add 10.89 For >500 To 1,000, Deduct -2.18 For >1,000 To 2,500, Deduct -3.92 For >2,500 To 5,000, Deduct -5.66 For >5,000 To 10,000, Deduct -7.40 For >10,000, Deduct -9.14		
02 41 13	13	0023	SY Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving..... 22.08 For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add 6.62 <small>Note: (Around Existing Structures And Obstructions), Add</small> For Elevated Slab, Add 11.04 For >500 To 1,000, Deduct -2.21 For >1,000 To 2,500, Deduct -3.97 For >2,500 To 5,000, Deduct -5.74 For >5,000 To 10,000, Deduct -7.51 For >10,000, Deduct -9.27		
02 41 13	13	0024	SY >3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving..... 28.61 For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add 8.58 <small>Note: (Around Existing Structures And Obstructions), Add</small> For Elevated Slab, Add 14.31 For >500 To 1,000, Deduct -2.86 For >1,000 To 2,500, Deduct -5.15 For >2,500 To 5,000, Deduct -7.44 For >5,000 To 10,000, Deduct -9.73 For >10,000, Deduct -12.02		
02 41 13	13	0025	SY >6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving..... 47.43 For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add 14.23 <small>Note: (Around Existing Structures And Obstructions), Add</small> For Elevated Slab, Add 23.72 For >500 To 1,000, Deduct -4.74 For >1,000 To 2,500, Deduct -8.54 For >2,500 To 5,000, Deduct -12.33 For >5,000 To 10,000, Deduct -16.13 For >10,000, Deduct -19.92		
02 41 13	13	0026	SY Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving..... 23.95 For Elevated Slab, Add 11.98 For >500 To 1,000, Deduct -2.40 For >1,000 To 2,500, Deduct -4.31 For >2,500 To 5,000, Deduct -6.23 For >5,000 To 10,000, Deduct -8.14 For >10,000, Deduct -10.06		
02 41 13	13	0027	SY >3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving..... 30.79 For Elevated Slab, Add 15.40 For >500 To 1,000, Deduct -3.08 For >1,000 To 2,500, Deduct -5.54 For >2,500 To 5,000, Deduct -8.01 For >5,000 To 10,000, Deduct -10.47 For >10,000, Deduct -12.93		

<b>02</b>	<b>Existing Conditions</b>
<b>02 40</b>	<b>Demolition and Structure Moving</b>
<b>02 41</b>	<b>Demolition</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0028 SY >6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	55.05	
For Elevated Slab, Add	27.53	
For >500 To 1,000, Deduct	-5.51	
For >1,000 To 2,500, Deduct	-9.91	
For >2,500 To 5,000, Deduct	-14.31	
For >5,000 To 10,000, Deduct	-18.72	
For >10,000, Deduct	-23.12	
02 41 13 13-0029 SY >9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	71.84	
For Elevated Slab, Add	35.92	
For >500 To 1,000, Deduct	-7.18	
For >1,000 To 2,500, Deduct	-12.93	
For >2,500 To 5,000, Deduct	-18.68	
For >5,000 To 10,000, Deduct	-24.43	
For >10,000, Deduct	-30.17	
02 41 13 13-0030 SY >14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	93.93	
For Elevated Slab, Add	46.97	
For >500 To 1,000, Deduct	-9.39	
For >1,000 To 2,500, Deduct	-16.91	
For >2,500 To 5,000, Deduct	-24.42	
For >5,000 To 10,000, Deduct	-31.94	
For >10,000, Deduct	-39.45	
02 41 13 13-0031 SY >19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	113.98	
For Elevated Slab, Add	56.99	
For >500 To 1,000, Deduct	-11.40	
For >1,000 To 2,500, Deduct	-20.52	
For >2,500 To 5,000, Deduct	-29.63	
For >5,000 To 10,000, Deduct	-38.75	
For >10,000, Deduct	-47.87	
<b>02 41 13 13-0032 By Hand, Break-up And Remove Bituminous And Concrete Paving</b> (02 41 13 13)		
Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Excludes saw cutting. See CSI section 02 41 19 13-0001 for saw cutting.		
02 41 13 13-0033 SF Up To 3" By Hand, Break-up And Remove Bituminous Paving.....	3.53	
02 41 13 13-0034 SF >3" To 6" By Hand, Break-up And Remove Bituminous Paving.....	4.65	
02 41 13 13-0035 SF >6" To 8" By Hand, Break-up And Remove Bituminous Paving.....	6.04	
02 41 13 13-0036 SF Up To 3" By Hand, Break-up And Remove Concrete Paving.....	4.41	
02 41 13 13-0037 SF >3" To 6" By Hand, Break-up And Remove Concrete Paving.....	6.10	
02 41 13 13-0038 SF >6" To 8" By Hand, Break-up And Remove Concrete Paving.....	7.81	
02 41 13 13-0039 SF Up To 3" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	6.18	
02 41 13 13-0040 SF >3" To 6" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	8.52	
02 41 13 13-0041 SF >6" To 8" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	10.93	
<b>02 41 13 13-0042 Grind Concrete</b> (02 41 13 13)		
02 41 13 13-0043 EA Grind Existing Sidewalks Up To 1/2" Depth To Remove Ridges (Tripping Hazard).....	230.77	
Note: For each location up to 5' wide, feather up to 12" each direction.		
For >1/2" To 1" Depth Of Grinding, Add	34.62	
For >1" To 1-1/2" Depth Of Grinding, Add	57.69	
For Up To 5, Add	46.15	
For >5 To 10, Add	23.08	
For >25 To 50, Deduct	-23.08	
For >50 To 250, Deduct	-34.62	
For >250, Deduct	-46.15	
For Sidewalks >5', Add	23.08	
For Up To 12" Additional Feathering Per Side, Add	23.08	
<b>02 41 13 15 Hydro Demolition</b> (02 41 13)		
<b>02 41 13 15-0001 Hydro Demolition Of Concrete Pavement</b> (02 41 13 15)		
Note: Includes removal but excludes disposal of concrete.		
02 41 13 15-0002 SF Up To 2" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	6.95	
02 41 13 15-0003 SF >2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	8.68	
02 41 13 15-0004 SF >4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	11.61	
02 41 13 15-0005 SF >6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	23.12	
<b>02 41 16 Structure Demolition</b> (02 41)		
<b>02 41 16 13 Building Demolition</b> (02 41 16)		
<b>02 41 16 13-0001 Building Interior Demolition</b> (02 41 16 13)		
Note: Guttered and placed in truck or dumpsters. Based on overall floor area including space under demolished walls. Includes all soft stripping of materials (doors and frames, non-load bearing walls, carpet, moldings, drywall, tile, ceiling, ductwork, piping, light fixtures, etc.), accessible mechanical, electrical, plumbing, overhead sprinkler, fire protection and similar systems. Excludes lead, asbestos or other contaminants or load bearing walls, mechanical, plumbing or electrical equipment such as furnaces, water heaters, plumbing fixtures, sump pumps, switchgear or panel boards. Excludes hauling, dump fees, recycling charges, and/or salvage value.		
02 41 16 13-0002 GSF Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....	7.02	
02 41 16 13-0003 GSF Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....	10.63	
02 41 16 13-0004 GSF >2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....	8.69	
02 41 16 13-0005 GSF >10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....	7.73	



MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0006	<b>Commercial And Residential Structures Demolition</b> <small>(02 41 16 13)</small> Note: Complete demolition of structures. Includes site and building safety preparation, signage, dust control, scattered debris and other site clean-up, demolition equipment, and repair of any damaged adjacent property. Excludes (if required) utility disconnects and capping, underground or above ground storage tank removal, adjacent property protection, adjacent property cleanup, adjacent property work, site paving (asphalt or concrete), recycling fees, gutting/soft stripping (selective removal of materials for reuse) of building, site security, hazardous material abatement (including lead, asbestos, and PCBs), surveys, clearing and grubbing of site, cranes, traffic control, elevator removal, major mechanical equipment such as boilers, chillers, cooling towers, Etc., excavation or backfill, foundations, basement floor, slab-on grade, temporary fencing (installation and removal), hauling, disposal and dump fees for all debris (site and building), earthwork and erosion control. Pricing is by Hundred Cubic Foot (CCF) of complete building volume being demolished. For computing building volume, height is computed at actual floor-to-floor dimensions with attic and basement each computed at half-height, width and length are actual dimensions. Excludes salvage value.		
02 41 16 13-0007	<b>Steel Framed Building Demolition</b> <small>(02 41 16 13-0006)</small> Note: Includes masonry partitions and concrete decks.		
02 41 16 13-0008	CCF By Pneumatic Tools/Hand, Steel Framed Building Demolition ..... <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;12' To 15', Deduct</i> <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;15' To 18', Deduct</i> <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;18' To 21', Deduct</i> <i>For Up To 500, Add</i> <i>For &gt;500 To 1,000, Add</i> <i>For &gt;1,000 To 2,000, Add</i> <i>For Volume Of Area Within 15' To An Adjacent Building, Add</i> <i>For No Interior Partitions, Deduct</i>	66.81 -5.01 -10.02 -15.03 20.04 13.36 6.68 22.05 -16.70	
02 41 16 13-0009	CCF By Machine, Steel Framed Building Demolition ..... <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;12' To 15', Deduct</i> <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;15' To 18', Deduct</i> <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;18' To 21', Deduct</i> <i>For Up To 500, Add</i> <i>For &gt;500 To 1,000, Add</i> <i>For &gt;1,000 To 2,000, Add</i> <i>For Work &gt;3 Stories To 6 Stories (Exclude Volume Below), Add</i> <i>For Work &gt;6 Stories To 10 Stories (Exclude Volume Below), Add</i> <i>For Work &gt;10 Stories To 15 Stories (Exclude Volume Below), Add</i> <i>For Volume Of Area Within 15' To An Adjacent Building, Add</i> <i>For No Interior Partitions, Deduct</i>	42.06 -3.15 -6.31 -9.46 12.62 8.41 4.21 6.31 10.52 14.72 13.88 -10.52	
02 41 16 13-0010	<b>Reinforced Concrete Building Demolition</b> <small>(02 41 16 13-0006)</small>		
02 41 16 13-0011	CCF By Pneumatic Tools/Hand, Reinforced Concrete Building Demolition ..... <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;12' To 15', Deduct</i> <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;15' To 18', Deduct</i> <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;18' To 21', Deduct</i> <i>For Up To 500, Add</i> <i>For &gt;500 To 1,000, Add</i> <i>For &gt;1,000 To 2,000, Add</i> <i>For Volume Of Area Within 15' To An Adjacent Building, Add</i> <i>For No Interior Partitions, Deduct</i>	83.84 -6.29 -12.58 -18.86 25.15 16.77 8.38 27.67 -20.96	
02 41 16 13-0012	CCF By Machine, Reinforced Concrete Building Demolition ..... <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;12' To 15', Deduct</i> <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;15' To 18', Deduct</i> <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;18' To 21', Deduct</i> <i>For Up To 500, Add</i> <i>For &gt;500 To 1,000, Add</i> <i>For &gt;1,000 To 2,000, Add</i> <i>For Work &gt;3 Stories To 6 Stories (Exclude Volume Below), Add</i> <i>For Work &gt;6 Stories To 10 Stories (Exclude Volume Below), Add</i> <i>For Work &gt;10 Stories To 15 Stories (Exclude Volume Below), Add</i> <i>For Volume Of Area Within 15' To An Adjacent Building, Add</i> <i>For No Interior Partitions, Deduct</i>	55.53 -4.16 -8.33 -12.49 16.66 11.11 5.55 8.33 13.88 19.44 18.32 -13.88	
02 41 16 13-0013	<b>Masonry Construction Building Demolition</b> <small>(02 41 16 13-0006)</small>		
02 41 16 13-0014	CCF By Pneumatic Tools/Hand, Masonry Construction Building Demolition ..... <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;12' To 15', Deduct</i> <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;15' To 18', Deduct</i> <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;18' To 21', Deduct</i> <i>For Up To 500, Add</i> <i>For &gt;500 To 1,000, Add</i> <i>For &gt;1,000 To 2,000, Add</i> <i>For Volume Of Area Within 15' To An Adjacent Building, Add</i> <i>For No Interior Partitions, Deduct</i>	58.91 -4.42 -8.84 -13.25 17.67 11.78 5.89 19.44 -14.73	
02 41 16 13-0015	CCF By Machine, Masonry Construction Building Demolition ..... <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;12' To 15', Deduct</i> <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;15' To 18', Deduct</i> <i>For Floor-To-Floor (Or Floor-To-Structure) Heights &gt;18' To 21', Deduct</i> <i>For Up To 500, Add</i> <i>For &gt;500 To 1,000, Add</i> <i>For &gt;1,000 To 2,000, Add</i> <i>For Work &gt;3 Stories To 6 Stories (Exclude Volume Below), Add</i> <i>For Work &gt;6 Stories To 10 Stories (Exclude Volume Below), Add</i> <i>For Work &gt;10 Stories To 15 Stories (Exclude Volume Below), Add</i> <i>For Volume Of Area Within 15' To An Adjacent Building, Add</i> <i>For No Interior Partitions, Deduct</i>	37.73 -2.83 -5.66 -8.49 11.32 7.55 3.77 5.66 9.43 13.21 12.45 -9.43	

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>02 41 16 13-0016 Wood Frame Construction Building Demolition</b> (02 41 16 13-0006)		
02 41 16 13-0017 CCF By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition .....	51.20	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-3.84	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-7.68	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-11.52	
For Up To 500, Add	15.36	
For >500 To 1,000, Add	10.24	
For >1,000 To 2,000, Add	5.12	
For Volume Of Area Within 15' To An Adjacent Building, Add	16.90	
For No Interior Partitions, Deduct	-12.80	
02 41 16 13-0018 CCF By Machine, Wood Frame Construction Building Demolition .....	32.30	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-2.42	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-4.85	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-7.27	
For Up To 500, Add	9.69	
For >500 To 1,000, Add	6.46	
For >1,000 To 2,000, Add	3.23	
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	4.85	
For Volume Of Area Within 15' To An Adjacent Building, Add	10.66	
For No Interior Partitions, Deduct	-8.08	
<b>02 41 16 13-0019 Sorting Of Material Debris For Recycling Prior To Hauling Off</b> (02 41 16 13-0006)		
Note: Per building volume.		
02 41 16 13-0020 CCF Sorting Of Material Debris For Recycling Prior To Hauling Off .....	8.67	
For Up To 500, Add	2.60	
For >500 To 1,000, Add	1.73	
For >1,000 To 2,000, Add	0.87	
<b>02 41 16 13-0021 Foundation Demolition</b> (02 41 16 13)		
Note: Excludes earthwork.		
<b>02 41 16 13-0022 Concrete Foundation Demolition</b> (02 41 16 13-0021)		
02 41 16 13-0023 CF Non Reinforced Concrete Foundation Demolition .....	13.38	
For >135 To 405, Deduct	-1.17	
For >405 To 810, Deduct	-2.34	
For >810 To 2025, Deduct	-3.35	
For >2025, Deduct	-5.35	
02 41 16 13-0024 CF Reinforced Concrete Foundation Demolition .....	16.06	
For >135 To 405, Deduct	-1.41	
For >405 To 810, Deduct	-2.81	
For >810 To 2025, Deduct	-4.02	
For >2025, Deduct	-6.42	
<b>02 41 16 13-0025 Concrete Foundation Wall Demolition</b> (02 41 16 13-0021)		
02 41 16 13-0026 SF 4" Thick Non Reinforced Concrete Foundation Wall Demolition .....	5.74	
For >500 To 2,000, Deduct	-0.43	
For >2,000 To 6,000, Deduct	-1.15	
For >6,000 To 8,000, Deduct	-2.01	
For >8,000, Deduct	-3.16	
02 41 16 13-0027 SF 6" Thick Non Reinforced Concrete Foundation Wall Demolition .....	7.65	
For >500 To 2,000, Deduct	-0.57	
For >2,000 To 6,000, Deduct	-1.53	
For >6,000 To 8,000, Deduct	-2.68	
For >8,000, Deduct	-4.21	
02 41 16 13-0028 SF 8" Thick Non Reinforced Concrete Foundation Wall Demolition .....	9.56	
For >500 To 2,000, Deduct	-0.72	
For >2,000 To 6,000, Deduct	-1.91	
For >6,000 To 8,000, Deduct	-3.35	
For >8,000, Deduct	-5.26	
02 41 16 13-0029 SF 10" Thick Non Reinforced Concrete Foundation Wall Demolition .....	11.47	
For >500 To 2,000, Deduct	-0.86	
For >2,000 To 6,000, Deduct	-2.29	
For >6,000 To 8,000, Deduct	-4.01	
For >8,000, Deduct	-6.31	
02 41 16 13-0030 SF 12" Thick Non Reinforced Concrete Foundation Wall Demolition .....	13.38	
For >500 To 2,000, Deduct	-1.00	
For >2,000 To 6,000, Deduct	-2.68	
For >6,000 To 8,000, Deduct	-4.68	
For >8,000, Deduct	-7.36	
02 41 16 13-0031 SF 16" Thick Non Reinforced Concrete Foundation Wall Demolition .....	15.29	
For >500 To 2,000, Deduct	-1.15	
For >2,000 To 6,000, Deduct	-3.06	
For >6,000 To 8,000, Deduct	-5.35	
For >8,000, Deduct	-8.41	
02 41 16 13-0032 SF 4" Thick Reinforced Concrete Foundation Wall Demolition .....	6.88	
For >500 To 2,000, Deduct	-0.52	
For >2,000 To 6,000, Deduct	-1.38	
For >6,000 To 8,000, Deduct	-2.41	
For >8,000, Deduct	-3.78	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0033 SF 6" Thick Reinforced Concrete Foundation Wall Demolition .....	9.18	
<i>For &gt;500 To 2,000, Deduct</i>	-0.69	
<i>For &gt;2,000 To 6,000, Deduct</i>	-1.84	
<i>For &gt;6,000 To 8,000, Deduct</i>	-3.21	
<i>For &gt;8,000, Deduct</i>	-5.05	
02 41 16 13-0034 SF 8" Thick Reinforced Concrete Foundation Wall Demolition .....	11.47	
<i>For &gt;500 To 2,000, Deduct</i>	-0.86	
<i>For &gt;2,000 To 6,000, Deduct</i>	-2.29	
<i>For &gt;6,000 To 8,000, Deduct</i>	-4.01	
<i>For &gt;8,000, Deduct</i>	-6.31	
02 41 16 13-0035 SF 10" Thick Reinforced Concrete Foundation Wall Demolition .....	13.57	
<i>For &gt;500 To 2,000, Deduct</i>	-1.02	
<i>For &gt;2,000 To 6,000, Deduct</i>	-2.71	
<i>For &gt;6,000 To 8,000, Deduct</i>	-4.75	
<i>For &gt;8,000, Deduct</i>	-7.46	
02 41 16 13-0036 SF 12" Thick Reinforced Concrete Foundation Wall Demolition .....	16.06	
<i>For &gt;500 To 2,000, Deduct</i>	-1.20	
<i>For &gt;2,000 To 6,000, Deduct</i>	-3.21	
<i>For &gt;6,000 To 8,000, Deduct</i>	-5.62	
<i>For &gt;8,000, Deduct</i>	-8.83	
02 41 16 13-0037 SF 16" Thick Reinforced Concrete Foundation Wall Demolition .....	18.35	
<i>For &gt;500 To 2,000, Deduct</i>	-1.38	
<i>For &gt;2,000 To 6,000, Deduct</i>	-3.67	
<i>For &gt;6,000 To 8,000, Deduct</i>	-6.42	
<i>For &gt;8,000, Deduct</i>	-10.09	
<b>02 41 16 13-0038 Concrete Block Foundation Wall Demolition</b> <small>(02 41 16 13-0021)</small>		
02 41 16 13-0039 SF 4" Thick Non Reinforced Concrete Block Foundation Wall Demolition .....	4.21	
<i>For &gt;500 To 2,000, Deduct</i>	-0.32	
<i>For &gt;2,000 To 6,000, Deduct</i>	-0.84	
<i>For &gt;6,000 To 8,000, Deduct</i>	-1.47	
<i>For &gt;8,000, Deduct</i>	-2.32	
02 41 16 13-0040 SF 6" Thick Non Reinforced Concrete Block Foundation Wall Demolition .....	4.50	
<i>For &gt;500 To 2,000, Deduct</i>	-0.34	
<i>For &gt;2,000 To 6,000, Deduct</i>	-0.90	
<i>For &gt;6,000 To 8,000, Deduct</i>	-1.58	
<i>For &gt;8,000, Deduct</i>	-2.48	
02 41 16 13-0041 SF 8" Thick Non Reinforced Concrete Block Foundation Wall Demolition .....	5.07	
<i>For &gt;500 To 2,000, Deduct</i>	-0.38	
<i>For &gt;2,000 To 6,000, Deduct</i>	-1.01	
<i>For &gt;6,000 To 8,000, Deduct</i>	-1.77	
<i>For &gt;8,000, Deduct</i>	-2.79	
02 41 16 13-0042 SF 10" Thick Non Reinforced Concrete Block Foundation Wall Demolition .....	5.84	
<i>For &gt;500 To 2,000, Deduct</i>	-0.44	
<i>For &gt;2,000 To 6,000, Deduct</i>	-1.17	
<i>For &gt;6,000 To 8,000, Deduct</i>	-2.04	
<i>For &gt;8,000, Deduct</i>	-3.21	
02 41 16 13-0043 SF 12" Thick Non Reinforced Concrete Block Foundation Wall Demolition .....	6.50	
<i>For &gt;500 To 2,000, Deduct</i>	-0.49	
<i>For &gt;2,000 To 6,000, Deduct</i>	-1.30	
<i>For &gt;6,000 To 8,000, Deduct</i>	-2.28	
<i>For &gt;8,000, Deduct</i>	-3.58	
02 41 16 13-0044 SF 16" Thick Non Reinforced Concrete Block Foundation Wall Demolition .....	8.13	
<i>For &gt;500 To 2,000, Deduct</i>	-0.61	
<i>For &gt;2,000 To 6,000, Deduct</i>	-1.63	
<i>For &gt;6,000 To 8,000, Deduct</i>	-2.85	
<i>For &gt;8,000, Deduct</i>	-4.47	
02 41 16 13-0045 SF 4" Thick Reinforced Concrete Block Foundation Wall Demolition.....	5.05	
<i>For &gt;500 To 2,000, Deduct</i>	-0.38	
<i>For &gt;2,000 To 6,000, Deduct</i>	-1.01	
<i>For &gt;6,000 To 8,000, Deduct</i>	-1.77	
<i>For &gt;8,000, Deduct</i>	-2.78	
02 41 16 13-0046 SF 6" Thick Reinforced Concrete Block Foundation Wall Demolition.....	5.40	
<i>For &gt;500 To 2,000, Deduct</i>	-0.41	
<i>For &gt;2,000 To 6,000, Deduct</i>	-1.08	
<i>For &gt;6,000 To 8,000, Deduct</i>	-1.89	
<i>For &gt;8,000, Deduct</i>	-2.97	
02 41 16 13-0047 SF 8" Thick Reinforced Concrete Block Foundation Wall Demolition.....	6.08	
<i>For &gt;500 To 2,000, Deduct</i>	-0.46	
<i>For &gt;2,000 To 6,000, Deduct</i>	-1.22	
<i>For &gt;6,000 To 8,000, Deduct</i>	-2.13	
<i>For &gt;8,000, Deduct</i>	-3.34	
02 41 16 13-0048 SF 10" Thick Reinforced Concrete Block Foundation Wall Demolition.....	7.00	
<i>For &gt;500 To 2,000, Deduct</i>	-0.53	
<i>For &gt;2,000 To 6,000, Deduct</i>	-1.40	
<i>For &gt;6,000 To 8,000, Deduct</i>	-2.45	
<i>For &gt;8,000, Deduct</i>	-3.85	
02 41 16 13-0049 SF 12" Thick Reinforced Concrete Block Foundation Wall Demolition.....	7.80	
<i>For &gt;500 To 2,000, Deduct</i>	-0.59	
<i>For &gt;2,000 To 6,000, Deduct</i>	-1.56	
<i>For &gt;6,000 To 8,000, Deduct</i>	-2.73	
<i>For &gt;8,000, Deduct</i>	-4.29	

<b>02</b>	<b>Existing Conditions</b>
<b>02 40</b>	<b>Demolition and Structure Moving</b>
<b>02 41</b>	<b>Demolition</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0050	SF		16" Thick Reinforced Concrete Block Foundation Wall Demolition.....	9.75	
			<i>For &gt;500 To 2,000, Deduct</i>	-0.73	
			<i>For &gt;2,000 To 6,000, Deduct</i>	-1.95	
			<i>For &gt;6,000 To 8,000, Deduct</i>	-3.41	
			<i>For &gt;8,000, Deduct</i>	-5.36	
<b>02 41 16 13-0051</b>			<b>Brick Foundation Wall Demolition</b> (02 41 16 13-0021)		
02 41 16 13-0052	SF		4" Thick Brick Foundation Wall Demolition .....	4.21	
			<i>For &gt;500 To 2,000, Deduct</i>	-0.32	
			<i>For &gt;2,000 To 6,000, Deduct</i>	-0.84	
			<i>For &gt;6,000 To 8,000, Deduct</i>	-1.47	
			<i>For &gt;8,000, Deduct</i>	-2.32	
02 41 16 13-0053	SF		6" Thick Brick Foundation Wall Demolition .....	4.50	
			<i>For &gt;500 To 2,000, Deduct</i>	-0.34	
			<i>For &gt;2,000 To 6,000, Deduct</i>	-0.90	
			<i>For &gt;6,000 To 8,000, Deduct</i>	-1.58	
			<i>For &gt;8,000, Deduct</i>	-2.48	
02 41 16 13-0054	SF		8" Thick Brick Foundation Wall Demolition .....	5.07	
			<i>For &gt;500 To 2,000, Deduct</i>	-0.38	
			<i>For &gt;2,000 To 6,000, Deduct</i>	-1.01	
			<i>For &gt;6,000 To 8,000, Deduct</i>	-1.77	
			<i>For &gt;8,000, Deduct</i>	-2.79	
02 41 16 13-0055	SF		10" Thick Brick Foundation Wall Demolition .....	5.84	
			<i>For &gt;500 To 2,000, Deduct</i>	-0.44	
			<i>For &gt;2,000 To 6,000, Deduct</i>	-1.17	
			<i>For &gt;6,000 To 8,000, Deduct</i>	-2.04	
			<i>For &gt;8,000, Deduct</i>	-3.21	
02 41 16 13-0056	SF		12" Thick Brick Foundation Wall Demolition .....	6.50	
			<i>For &gt;500 To 2,000, Deduct</i>	-0.49	
			<i>For &gt;2,000 To 6,000, Deduct</i>	-1.30	
			<i>For &gt;6,000 To 8,000, Deduct</i>	-2.28	
			<i>For &gt;8,000, Deduct</i>	-3.58	
02 41 16 13-0057	SF		16" Thick Brick Foundation Wall Demolition .....	8.13	
			<i>For &gt;500 To 2,000, Deduct</i>	-0.61	
			<i>For &gt;2,000 To 6,000, Deduct</i>	-1.63	
			<i>For &gt;6,000 To 8,000, Deduct</i>	-2.85	
			<i>For &gt;8,000, Deduct</i>	-4.47	
<b>02 41 16 13-0058</b>			<b>Stone Foundation Demolition</b> (02 41 16 13-0021)		
02 41 16 13-0059	CF		Stone Footing Or Foundation Wall Demolition.....	13.38	
			<i>For &gt;135 To 405, Deduct</i>	-1.17	
			<i>For &gt;405 To 810, Deduct</i>	-2.34	
			<i>For &gt;810 To 2025, Deduct</i>	-3.35	
			<i>For &gt;2025, Deduct</i>	-5.35	
<b>02 41 16 13-0060</b>			<b>Other Foundation Demolition</b> (02 41 16 13-0021)		
02 41 16 13-0061	CF		Concrete Footing For Fence, Gate Or Playground Equipment Post, Etc. Demolition .....	13.97	
			Note: Includes excavation.		
			<i>For &gt;135 To 405, Deduct</i>	-1.22	
			<i>For &gt;405 To 810, Deduct</i>	-2.44	
			<i>For &gt;810 To 2025, Deduct</i>	-3.49	
			<i>For &gt;2025, Deduct</i>	-5.59	
<b>02 41 19</b>			<b>Selective Demolition</b> (02 41)		
<b>02 41 19 13</b>			<b>Selective Building Demolition</b> (02 41 19)		
<b>02 41 19 13-0001</b>			<b>Saw Cutting</b> (02 41 19 13)		
			Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0002	LF		Bituminous Paving Up To 4" Depth, Saw Cut .....	2.01	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	0.78	
			<i>For &gt;250, Deduct</i>	-0.19	
02 41 19 13-0003	LF		Brick Masonry Up To 4" Depth, Saw Cut .....	7.62	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	3.02	
			<i>For &gt;250, Deduct</i>	-0.75	
02 41 19 13-0004	LF		Concrete Block Up To 4" Depth, Saw Cut.....	6.89	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	2.73	
			<i>For &gt;250, Deduct</i>	-0.68	
02 41 19 13-0005	LF		Non Reinforced Concrete Slab Or Paving Up To 4" Depth, Saw Cut .....	2.29	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	0.89	
			<i>For &gt;250, Deduct</i>	-0.22	
02 41 19 13-0006	LF		Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut .....	3.03	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	1.18	
			<i>For &gt;250, Deduct</i>	-0.29	
02 41 19 13-0007	LF		Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut .....	5.04	
			<i>For Each Additional Pass (Depth To 3"), Add</i>	1.98	
			<i>For &gt;250, Deduct</i>	-0.49	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0008 LF Plain Concrete Walls Up To 4" Depth, Saw Cut .....	9.75	
<i>For Each Additional Pass (Depth To 3"), Add</i>	3.87	
<i>For &gt;250, Deduct</i>	-0.97	
02 41 19 13-0009 LF Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth.....	13.10	
<i>For Each Additional Pass (Depth To 3"), Add</i>	5.20	
<i>For &gt;250, Deduct</i>	-1.30	
02 41 19 13-0010 LF Concrete And Asphalt Up To 4" Depth, Saw Cut In Streets.....	2.63	
<i>For Each Additional Pass (Depth To 3"), Add</i>	0.95	
<i>For &gt;250, Deduct</i>	-0.23	
02 41 19 13-0011 LF Igneous Stone Pavements Up To 4" Depth, Saw Cut.....	6.91	
<i>For Each Additional Pass (Depth To 3"), Add</i>	2.73	
<i>For &gt;250, Deduct</i>	-0.68	
02 41 19 13-0012 LF Sedimentary Stone Pavements Up To 4" Depth, Saw Cut .....	6.91	
<i>For Each Additional Pass (Depth To 3"), Add</i>	2.73	
<i>For &gt;250, Deduct</i>	-0.68	
02 41 19 13-0013 LF Metamorphic Stone Pavements Up To 4" Depth, Saw Cut.....	6.91	
<i>For Each Additional Pass (Depth To 3"), Add</i>	2.73	
<i>For &gt;250, Deduct</i>	-0.68	
02 41 19 13-0014 LF Terrazzo Stone Pavements Up To 4" Depth, Saw Cut .....	6.91	
<i>For Each Additional Pass (Depth To 3"), Add</i>	2.73	
<i>For &gt;250, Deduct</i>	-0.68	
02 41 19 13-0015 EA Saw Cut Minimum Charge .....	935.84	
Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
<b>02 41 19 13-0016 Torch Cutting</b> <small>(02 41 19 13)</small>		
Note: Includes grinding edge		
02 41 19 13-0017 LF Up To 1/2", Torch Cut Steel Plate.....	2.87	
02 41 19 13-0018 LF >1/2" To 1" Thick, Torch Cut Steel Plate .....	5.74	
02 41 19 13-0019 LF >1" To 1-1/2" Thick, Torch Cut Steel Plate .....	8.61	
02 41 19 13-0020 LF >1-1/2" To 2" Thick, Torch Cut Steel Plate .....	11.48	
02 41 19 13-0021 LF >2" To 2-1/2" Thick, Torch Cut Steel Plate .....	14.36	
02 41 19 13-0022 LF >2-1/2" To 3" Thick, Torch Cut Steel Plate .....	17.23	
02 41 19 13-0023 EA Torch Cutting Minimum Charge.....	907.59	
Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
<b>02 41 19 13-0024 Drilling In Existing Materials</b> <small>(02 41 19 13)</small>		
Note: Includes drill bit wear, water, layout, set-up and clean-up.		
<b>02 41 19 13-0025 Concrete Core Drilling</b> <small>(02 41 19 13-0024)</small>		
<b>02 41 19 13-0026 Up To 4" Thick Concrete Core Drilling</b> <small>(02 41 19 13-0025)</small>		
02 41 19 13-0027 EA Drill 1" Diameter Core In Up To 4" Concrete.....	37.23	
<i>For Horizontal Cores, Add</i>	7.40	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	14.81	
02 41 19 13-0028 EA Drill 1-1/2" Diameter Core In Up To 4" Concrete .....	41.33	
<i>For Horizontal Cores, Add</i>	8.22	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	16.45	
02 41 19 13-0029 EA Drill 2" Diameter Core In Up To 4" Concrete.....	45.91	
<i>For Horizontal Cores, Add</i>	9.14	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	18.28	
02 41 19 13-0030 EA Drill 3" Diameter Core In Up To 4" Concrete.....	65.57	
<i>For Horizontal Cores, Add</i>	13.06	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	26.11	
02 41 19 13-0031 EA Drill 4" Diameter Core In Up To 4" Concrete.....	87.87	
<i>For Horizontal Cores, Add</i>	17.50	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	34.99	
02 41 19 13-0032 EA Drill 6" Diameter Core In Up To 4" Concrete.....	98.40	
<i>For Horizontal Cores, Add</i>	19.58	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	39.17	
02 41 19 13-0033 EA Drill 8" Diameter Core In Up To 4" Concrete.....	157.34	
<i>For Horizontal Cores, Add</i>	31.34	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	62.67	
02 41 19 13-0034 EA Drill 10" Diameter Core In Up To 4" Concrete.....	196.76	
<i>For Horizontal Cores, Add</i>	39.17	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	78.34	
02 41 19 13-0035 EA Drill 12" Diameter Core In Up To 4" Concrete.....	229.60	
<i>For Horizontal Cores, Add</i>	45.70	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	91.40	
02 41 19 13-0036 EA Drill 14" Diameter Core In Up To 4" Concrete.....	262.40	
<i>For Horizontal Cores, Add</i>	52.22	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	104.44	
02 41 19 13-0037 EA Drill 18" Diameter Core In Up To 4" Concrete.....	295.41	
<i>For Horizontal Cores, Add</i>	58.75	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	117.50	
<b>02 41 19 13-0038 &gt;4" To 6" Thick Concrete Core Drilling</b> <small>(02 41 19 13-0025)</small>		
02 41 19 13-0039 EA Drill 1" Diameter Core In >4" To 6" Concrete.....	53.19	
<i>For Horizontal Cores, Add</i>	10.57	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	21.14	

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0040 EA Drill 1-1/2" Diameter Core In >4" To 6" Concrete.....	59.08	
For Horizontal Cores, Add	11.75	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	23.50	
02 41 19 13-0041 EA Drill 2" Diameter Core In >4" To 6" Concrete.....	65.60	
For Horizontal Cores, Add	13.05	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	26.11	
02 41 19 13-0042 EA Drill 3" Diameter Core In >4" To 6" Concrete.....	78.79	
For Horizontal Cores, Add	15.67	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	31.34	
02 41 19 13-0043 EA Drill 4" Diameter Core In >4" To 6" Concrete.....	98.51	
For Horizontal Cores, Add	19.58	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	39.17	
02 41 19 13-0044 EA Drill 6" Diameter Core In >4" To 6" Concrete.....	131.31	
For Horizontal Cores, Add	26.11	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	52.23	
02 41 19 13-0045 EA Drill 8" Diameter Core In >4" To 6" Concrete.....	196.86	
For Horizontal Cores, Add	39.17	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	78.34	
02 41 19 13-0046 EA Drill 10" Diameter Core In >4" To 6" Concrete.....	229.87	
For Horizontal Cores, Add	45.70	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	91.40	
02 41 19 13-0047 EA Drill 12" Diameter Core In >4" To 6" Concrete.....	262.73	
For Horizontal Cores, Add	52.22	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	104.44	
02 41 19 13-0048 EA Drill 14" Diameter Core In >4" To 6" Concrete.....	295.73	
For Horizontal Cores, Add	58.75	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	117.50	
02 41 19 13-0049 EA Drill 18" Diameter Core In >4" To 6" Concrete.....	328.96	
For Horizontal Cores, Add	65.28	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	130.56	
<b>02 41 19 13-0050 &gt;6" To 8" Thick Concrete Core Drilling (02 41 19 13-0025)</b>		
02 41 19 13-0051 EA Drill 1" Diameter Core In >6" To 8" Concrete.....	58.61	
For Horizontal Cores, Add	11.63	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	23.27	
02 41 19 13-0052 EA Drill 1-1/2" Diameter Core In >6" To 8" Concrete.....	65.07	
For Horizontal Cores, Add	12.93	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	25.85	
02 41 19 13-0053 EA Drill 2" Diameter Core In >6" To 8" Concrete.....	72.25	
For Horizontal Cores, Add	14.36	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	28.72	
02 41 19 13-0054 EA Drill 3" Diameter Core In >6" To 8" Concrete.....	85.48	
For Horizontal Cores, Add	16.97	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	33.95	
02 41 19 13-0055 EA Drill 4" Diameter Core In >6" To 8" Concrete.....	111.77	
For Horizontal Cores, Add	22.19	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	44.39	
02 41 19 13-0056 EA Drill 6" Diameter Core In >6" To 8" Concrete.....	157.67	
For Horizontal Cores, Add	31.34	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	62.67	
02 41 19 13-0057 EA Drill 8" Diameter Core In >6" To 8" Concrete.....	262.46	
For Horizontal Cores, Add	52.22	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	104.44	
02 41 19 13-0058 EA Drill 10" Diameter Core In >6" To 8" Concrete.....	295.55	
For Horizontal Cores, Add	58.75	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	117.50	
02 41 19 13-0059 EA Drill 12" Diameter Core In >6" To 8" Concrete.....	328.56	
For Horizontal Cores, Add	65.28	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	130.56	
02 41 19 13-0060 EA Drill 14" Diameter Core In >6" To 8" Concrete.....	361.65	
For Horizontal Cores, Add	71.80	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	143.60	
02 41 19 13-0061 EA Drill 18" Diameter Core In >6" To 8" Concrete.....	395.16	
For Horizontal Cores, Add	78.34	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	156.68	
<b>02 41 19 13-0062 &gt;8" To 10" Thick Concrete Core Drilling (02 41 19 13-0025)</b>		
02 41 19 13-0063 EA Drill 1" Diameter Core In >8" To 10" Concrete.....	69.30	
For Horizontal Cores, Add	13.75	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	27.50	
02 41 19 13-0064 EA Drill 1-1/2" Diameter Core In >8" To 10" Concrete.....	76.94	
For Horizontal Cores, Add	15.28	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	30.55	
02 41 19 13-0065 EA Drill 2" Diameter Core In >8" To 10" Concrete.....	85.42	
For Horizontal Cores, Add	16.97	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	33.94	
02 41 19 13-0066 EA Drill 3" Diameter Core In >8" To 10" Concrete.....	98.69	
For Horizontal Cores, Add	19.58	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	39.17	
02 41 19 13-0067 EA Drill 4" Diameter Core In >8" To 10" Concrete.....	111.97	
For Horizontal Cores, Add	22.19	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	44.39	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0068 EA Drill 6" Diameter Core In >8" To 10" Concrete.....	157.92	
<i>For Horizontal Cores, Add</i>	31.34	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	62.67	
02 41 19 13-0069 EA Drill 8" Diameter Core In >8" To 10" Concrete.....	262.80	
<i>For Horizontal Cores, Add</i>	52.22	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	104.44	
02 41 19 13-0070 EA Drill 10" Diameter Core In >8" To 10" Concrete.....	296.00	
<i>For Horizontal Cores, Add</i>	58.75	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	117.50	
02 41 19 13-0071 EA Drill 12" Diameter Core In >8" To 10" Concrete.....	329.04	
<i>For Horizontal Cores, Add</i>	65.27	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	130.54	
02 41 19 13-0072 EA Drill 14" Diameter Core In >8" To 10" Concrete.....	362.33	
<i>For Horizontal Cores, Add</i>	71.80	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	143.60	
02 41 19 13-0073 EA Drill 18" Diameter Core In >8" To 10" Concrete.....	395.96	
<i>For Horizontal Cores, Add</i>	78.32	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	156.64	
<b>02 41 19 13-0074 &gt;10" To 12" Thick Concrete Core Drilling (02 41 19 13-0025)</b>		
02 41 19 13-0075 EA Drill 1" Diameter Core In >10" To 12" Concrete.....	74.71	
<i>For Horizontal Cores, Add</i>	14.81	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	29.61	
02 41 19 13-0076 EA Drill 1-1/2" Diameter Core In >10" To 12" Concrete.....	82.94	
<i>For Horizontal Cores, Add</i>	16.45	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	32.90	
02 41 19 13-0077 EA Drill 2" Diameter Core In >10" To 12" Concrete.....	92.08	
<i>For Horizontal Cores, Add</i>	18.28	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	36.56	
02 41 19 13-0078 EA Drill 3" Diameter Core In >10" To 12" Concrete.....	98.85	
<i>For Horizontal Cores, Add</i>	19.58	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	39.17	
02 41 19 13-0079 EA Drill 4" Diameter Core In >10" To 12" Concrete.....	131.78	
<i>For Horizontal Cores, Add</i>	26.11	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	52.23	
02 41 19 13-0080 EA Drill 6" Diameter Core In >10" To 12" Concrete.....	171.24	
<i>For Horizontal Cores, Add</i>	33.95	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	67.90	
02 41 19 13-0081 EA Drill 8" Diameter Core In >10" To 12" Concrete.....	276.22	
<i>For Horizontal Cores, Add</i>	54.84	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	109.68	
02 41 19 13-0082 EA Drill 10" Diameter Core In >10" To 12" Concrete.....	296.45	
<i>For Horizontal Cores, Add</i>	58.75	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	117.50	
02 41 19 13-0083 EA Drill 12" Diameter Core In >10" To 12" Concrete.....	342.73	
<i>For Horizontal Cores, Add</i>	67.90	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	135.80	
<b>02 41 19 13-0084 &gt;12" Thick Concrete Core Drilling (02 41 19 13-0025)</b>		
02 41 19 13-0085 IN Drill 1" Diameter Core In >12" Concrete.....	9.11	
<i>For Horizontal Cores, Add</i>	1.81	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	3.62	
02 41 19 13-0086 IN Drill 1-1/2" Diameter Core In >12" Concrete.....	10.12	
<i>For Horizontal Cores, Add</i>	2.01	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	4.02	
02 41 19 13-0087 IN Drill 2" Diameter Core In >12" Concrete.....	11.23	
<i>For Horizontal Cores, Add</i>	2.23	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	4.47	
02 41 19 13-0088 IN Drill 3" Diameter Core In >12" Concrete.....	12.32	
<i>For Horizontal Cores, Add</i>	2.45	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	4.90	
02 41 19 13-0089 IN Drill 4" Diameter Core In >12" Concrete.....	16.42	
<i>For Horizontal Cores, Add</i>	3.26	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	6.53	
02 41 19 13-0090 IN Drill 6" Diameter Core In >12" Concrete.....	21.35	
<i>For Horizontal Cores, Add</i>	4.25	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	8.49	
02 41 19 13-0091 IN Drill 8" Diameter Core In >12" Concrete.....	34.47	
<i>For Horizontal Cores, Add</i>	6.86	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	13.72	
02 41 19 13-0092 IN Drill 10" Diameter Core In >12" Concrete.....	37.10	
<i>For Horizontal Cores, Add</i>	7.37	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	14.75	
02 41 19 13-0093 IN Drill 12" Diameter Core In >12" Concrete.....	42.73	
<i>For Horizontal Cores, Add</i>	8.49	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	16.98	
<b>02 41 19 13-0094 Brick/Concrete Block Core Drilling (02 41 19 13-0024)</b>		
<b>02 41 19 13-0095 Up To 4" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)</b>		

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0096 EA Drill 1" Diameter Core In Up To 4" Brick/Concrete Block.....	29.83	
For Horizontal Cores, Add	5.92	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	11.85	
02 41 19 13-0097 EA Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block.....	33.10	
For Horizontal Cores, Add	6.58	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	13.16	
02 41 19 13-0098 EA Drill 2" Diameter Core In Up To 4" Brick/Concrete Block.....	36.77	
For Horizontal Cores, Add	7.31	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	14.62	
02 41 19 13-0099 EA Drill 3" Diameter Core In Up To 4" Brick/Concrete Block.....	52.52	
For Horizontal Cores, Add	10.45	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	20.89	
02 41 19 13-0100 EA Drill 4" Diameter Core In Up To 4" Brick/Concrete Block.....	70.37	
For Horizontal Cores, Add	14.00	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	27.99	
02 41 19 13-0101 EA Drill 6" Diameter Core In Up To 4" Brick/Concrete Block.....	78.82	
For Horizontal Cores, Add	15.67	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	31.34	
02 41 19 13-0102 EA Drill 8" Diameter Core In Up To 4" Brick/Concrete Block.....	126.01	
For Horizontal Cores, Add	25.07	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	50.14	
02 41 19 13-0103 EA Drill 10" Diameter Core In Up To 4" Brick/Concrete Block.....	157.59	
For Horizontal Cores, Add	31.34	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	62.67	
02 41 19 13-0104 EA Drill 12" Diameter Core In Up To 4" Brick/Concrete Block.....	183.90	
For Horizontal Cores, Add	36.56	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	73.12	
02 41 19 13-0105 EA Drill 14" Diameter Core In Up To 4" Brick/Concrete Block.....	210.18	
For Horizontal Cores, Add	41.78	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	83.56	
02 41 19 13-0106 EA Drill 18" Diameter Core In Up To 4" Brick/Concrete Block.....	236.65	
For Horizontal Cores, Add	47.00	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	94.00	
<b>02 41 19 13-0107 &gt;4" To 6" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)</b>		
02 41 19 13-0108 EA Drill 1" Diameter Core In >4" To 6" Brick/Concrete Block.....	42.62	
For Horizontal Cores, Add	8.46	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	16.92	
02 41 19 13-0109 EA Drill 1-1/2" Diameter Core In >4" To 6" Brick/Concrete Block.....	47.32	
For Horizontal Cores, Add	9.40	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	18.80	
02 41 19 13-0110 EA Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block.....	52.55	
For Horizontal Cores, Add	10.44	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	20.89	
02 41 19 13-0111 EA Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block.....	63.12	
For Horizontal Cores, Add	12.53	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	25.07	
02 41 19 13-0112 EA Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block.....	78.93	
For Horizontal Cores, Add	15.67	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	31.34	
02 41 19 13-0113 EA Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block.....	105.20	
For Horizontal Cores, Add	20.89	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	41.78	
02 41 19 13-0114 EA Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block.....	157.69	
For Horizontal Cores, Add	31.34	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	62.67	
02 41 19 13-0115 EA Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block.....	184.17	
For Horizontal Cores, Add	36.56	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	73.12	
02 41 19 13-0116 EA Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block.....	210.51	
For Horizontal Cores, Add	41.78	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	83.56	
02 41 19 13-0117 EA Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block.....	236.97	
For Horizontal Cores, Add	47.00	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	94.00	
02 41 19 13-0118 EA Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block.....	263.69	
For Horizontal Cores, Add	52.23	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	104.45	
<b>02 41 19 13-0119 &gt;6" To 8" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)</b>		
02 41 19 13-0120 EA Drill 1" Diameter Core In >6" To 8" Brick/Concrete Block.....	46.97	
For Horizontal Cores, Add	9.31	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	18.61	
02 41 19 13-0121 EA Drill 1-1/2" Diameter Core In >6" To 8" Brick/Concrete Block.....	52.14	
For Horizontal Cores, Add	10.34	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	20.68	
02 41 19 13-0122 EA Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block.....	57.89	
For Horizontal Cores, Add	11.49	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	22.98	
02 41 19 13-0123 EA Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block.....	68.51	
For Horizontal Cores, Add	13.58	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	27.16	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0124 EA Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block .....	89.59	
<i>For Horizontal Cores, Add</i>	17.76	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	35.52	
02 41 19 13-0125 EA Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block .....	126.34	
<i>For Horizontal Cores, Add</i>	25.07	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	50.14	
02 41 19 13-0126 EA Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block .....	210.24	
<i>For Horizontal Cores, Add</i>	41.78	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	83.56	
02 41 19 13-0127 EA Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block .....	236.79	
<i>For Horizontal Cores, Add</i>	47.00	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	94.00	
02 41 19 13-0128 EA Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block .....	263.29	
<i>For Horizontal Cores, Add</i>	52.23	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	104.45	
02 41 19 13-0129 EA Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block .....	289.85	
<i>For Horizontal Cores, Add</i>	57.44	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.88	
02 41 19 13-0130 EA Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block .....	316.82	
<i>For Horizontal Cores, Add</i>	62.67	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	125.34	
<b>02 41 19 13-0131 &gt;8" To 10" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)</b>		
02 41 19 13-0132 EA Drill 1" Diameter Core In >8" To 10" Brick/Concrete Block .....	55.55	
<i>For Horizontal Cores, Add</i>	11.00	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	22.00	
02 41 19 13-0133 EA Drill 1-1/2" Diameter Core In >8" To 10" Brick/Concrete Block .....	61.66	
<i>For Horizontal Cores, Add</i>	12.22	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	24.44	
02 41 19 13-0134 EA Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block .....	68.46	
<i>For Horizontal Cores, Add</i>	13.58	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	27.16	
02 41 19 13-0135 EA Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block .....	79.11	
<i>For Horizontal Cores, Add</i>	15.67	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	31.34	
02 41 19 13-0136 EA Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block .....	89.79	
<i>For Horizontal Cores, Add</i>	17.76	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	35.52	
02 41 19 13-0137 EA Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block .....	126.59	
<i>For Horizontal Cores, Add</i>	25.07	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	50.14	
02 41 19 13-0138 EA Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block .....	210.58	
<i>For Horizontal Cores, Add</i>	41.78	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	83.56	
02 41 19 13-0139 EA Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block .....	237.24	
<i>For Horizontal Cores, Add</i>	47.00	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	94.00	
02 41 19 13-0140 EA Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block .....	263.78	
<i>For Horizontal Cores, Add</i>	52.22	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	104.43	
02 41 19 13-0141 EA Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block .....	290.53	
<i>For Horizontal Cores, Add</i>	57.44	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.88	
02 41 19 13-0142 EA Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block .....	317.64	
<i>For Horizontal Cores, Add</i>	62.66	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	125.32	
<b>02 41 19 13-0143 &gt;10" To 12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)</b>		
02 41 19 13-0144 EA Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block .....	59.91	
<i>For Horizontal Cores, Add</i>	11.85	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	23.69	
02 41 19 13-0145 EA Drill 1-1/2" Diameter Core In >10" To 12" Brick/Concrete Block .....	66.48	
<i>For Horizontal Cores, Add</i>	13.16	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	26.32	
02 41 19 13-0146 EA Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block .....	73.80	
<i>For Horizontal Cores, Add</i>	14.62	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	29.25	
02 41 19 13-0147 EA Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block .....	79.27	
<i>For Horizontal Cores, Add</i>	15.67	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	31.34	
02 41 19 13-0148 EA Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block .....	105.67	
<i>For Horizontal Cores, Add</i>	20.89	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	41.78	
02 41 19 13-0149 EA Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block .....	137.28	
<i>For Horizontal Cores, Add</i>	27.16	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	54.32	
02 41 19 13-0150 EA Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block .....	221.37	
<i>For Horizontal Cores, Add</i>	43.87	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	87.74	
02 41 19 13-0151 EA Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block .....	237.69	
<i>For Horizontal Cores, Add</i>	47.00	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	94.00	

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0152 EA Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block .....	274.84	
For Horizontal Cores, Add	54.32	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	108.64	
<b>02 41 19 13-0153 &gt;12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)</b>		
02 41 19 13-0154 IN Drill 1" Diameter Core In >12" Brick/Concrete Block.....	7.30	
For Horizontal Cores, Add	1.45	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	2.90	
02 41 19 13-0155 IN Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block.....	8.10	
For Horizontal Cores, Add	1.61	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	3.22	
02 41 19 13-0156 IN Drill 2" Diameter Core In >12" Brick/Concrete Block.....	9.00	
For Horizontal Cores, Add	1.79	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	3.58	
02 41 19 13-0157 IN Drill 3" Diameter Core In >12" Brick/Concrete Block.....	9.87	
For Horizontal Cores, Add	1.96	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	3.92	
02 41 19 13-0158 IN Drill 4" Diameter Core In >12" Brick/Concrete Block.....	13.15	
For Horizontal Cores, Add	2.61	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	5.22	
02 41 19 13-0159 IN Drill 6" Diameter Core In >12" Brick/Concrete Block.....	17.11	
For Horizontal Cores, Add	3.40	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	6.80	
02 41 19 13-0160 IN Drill 8" Diameter Core In >12" Brick/Concrete Block.....	27.62	
For Horizontal Cores, Add	5.49	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	10.98	
02 41 19 13-0161 IN Drill 10" Diameter Core In >12" Brick/Concrete Block.....	29.73	
For Horizontal Cores, Add	5.90	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	11.80	
02 41 19 13-0162 IN Drill 12" Diameter Core In >12" Brick/Concrete Block.....	34.24	
For Horizontal Cores, Add	6.79	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	13.59	
<b>02 41 19 13-0163 Asphalt Core Drilling (02 41 19 13-0024)</b>		
<b>02 41 19 13-0164 Up To 2" Thick Asphalt Core Drilling (02 41 19 13-0163)</b>		
02 41 19 13-0165 EA Drill 1" Diameter Core In Up To 2" Asphalt.....	17.92	
02 41 19 13-0166 EA Drill 1-1/2" Diameter Core In Up To 2" Asphalt.....	22.40	
02 41 19 13-0167 EA Drill 2" Diameter Core In Up To 2" Asphalt.....	28.00	
02 41 19 13-0168 EA Drill 3" Diameter Core In Up To 2" Asphalt.....	34.73	
02 41 19 13-0169 EA Drill 4" Diameter Core In Up To 2" Asphalt.....	43.70	
02 41 19 13-0170 EA Drill 6" Diameter Core In Up To 2" Asphalt.....	54.91	
02 41 19 13-0171 EA Drill 8" Diameter Core In Up To 2" Asphalt.....	68.36	
02 41 19 13-0172 EA Drill 10" Diameter Core In Up To 2" Asphalt.....	85.15	
02 41 19 13-0173 EA Drill 12" Diameter Core In Up To 2" Asphalt.....	106.43	
<b>02 41 19 13-0174 &gt;2" To 3" Thick Asphalt Core Drilling (02 41 19 13-0163)</b>		
02 41 19 13-0175 EA Drill 1" Diameter Core In >2" To 3" Asphalt.....	22.40	
02 41 19 13-0176 EA Drill 1-1/2" Diameter Core In >2" To 3" Asphalt.....	29.11	
02 41 19 13-0177 EA Drill 2" Diameter Core In >2" To 3" Asphalt.....	35.84	
02 41 19 13-0178 EA Drill 3" Diameter Core In >2" To 3" Asphalt.....	44.80	
02 41 19 13-0179 EA Drill 4" Diameter Core In >2" To 3" Asphalt.....	56.00	
02 41 19 13-0180 EA Drill 6" Diameter Core In >2" To 3" Asphalt.....	70.57	
02 41 19 13-0181 EA Drill 8" Diameter Core In >2" To 3" Asphalt.....	87.38	
02 41 19 13-0182 EA Drill 10" Diameter Core In >2" To 3" Asphalt.....	109.77	
02 41 19 13-0183 EA Drill 12" Diameter Core In >2" To 3" Asphalt.....	136.65	
<b>02 41 19 13-0184 &gt;3" To 4" Thick Asphalt Core Drilling (02 41 19 13-0163)</b>		
02 41 19 13-0185 EA Drill 1" Diameter Core In >3" To 4" Asphalt.....	29.12	
02 41 19 13-0186 EA Drill 1-1/2" Diameter Core In >3" To 4" Asphalt.....	36.96	
02 41 19 13-0187 EA Drill 2" Diameter Core In >3" To 4" Asphalt.....	45.92	
02 41 19 13-0188 EA Drill 3" Diameter Core In >3" To 4" Asphalt.....	57.13	
02 41 19 13-0189 EA Drill 4" Diameter Core In >3" To 4" Asphalt.....	71.70	
02 41 19 13-0190 EA Drill 6" Diameter Core In >3" To 4" Asphalt.....	89.63	
02 41 19 13-0191 EA Drill 8" Diameter Core In >3" To 4" Asphalt.....	112.07	
02 41 19 13-0192 EA Drill 10" Diameter Core In >3" To 4" Asphalt.....	140.05	
02 41 19 13-0193 EA Drill 12 Diameter Core In >3" To 4" Asphalt.....	174.77	
<b>02 41 19 13-0194 &gt;4" To 6" Thick Asphalt Core Drilling (02 41 19 13-0163)</b>		
02 41 19 13-0195 EA Drill 1" Diameter Core In >4" To 6" Asphalt.....	38.09	
02 41 19 13-0196 EA Drill 1-1/2" Diameter Core In >4" To 6" Asphalt.....	47.06	
02 41 19 13-0197 EA Drill 2" Diameter Core In >4" To 6" Asphalt.....	58.26	
02 41 19 13-0198 EA Drill 3" Diameter Core In >4" To 6" Asphalt.....	73.96	
02 41 19 13-0199 EA Drill 4" Diameter Core In >4" To 6" Asphalt.....	91.93	
02 41 19 13-0200 EA Drill 6" Diameter Core In >4" To 6" Asphalt.....	114.35	
02 41 19 13-0201 EA Drill 8" Diameter Core In >4" To 6" Asphalt.....	143.52	
02 41 19 13-0202 EA Drill 10" Diameter Core In >4" To 6" Asphalt.....	179.36	





	MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0203	EA	Drill 12" Diameter Core In >4" To 6" Asphalt .....	224.18	
<b>02 41 19 13-0204 Manhole Core Drilling (02 41 19 13-0024)</b>				
02 41 19 13-0205	EA	Drill 4" Diameter Core In 6" Brick Manhole .....	196.25	
02 41 19 13-0206	EA	Drill 5" Diameter Core In 6" Brick Manhole .....	224.28	
02 41 19 13-0207	EA	Drill 6" Diameter Core In 6" Brick Manhole .....	261.60	
02 41 19 13-0208	EA	Drill 8" Diameter Core In 6" Brick Manhole .....	392.37	
02 41 19 13-0209	EA	Drill 2" Diameter Core In 8" Concrete Manhole .....	263.02	
02 41 19 13-0210	EA	Drill 3" Diameter Core In 8" Concrete Manhole .....	279.96	
02 41 19 13-0211	EA	Drill 4" Diameter Core In 8" Concrete Manhole .....	308.08	
02 41 19 13-0212	EA	Drill 5" Diameter Core In 8" Concrete Manhole .....	330.52	
02 41 19 13-0213	EA	Drill 6" Diameter Core In 8" Concrete Manhole .....	392.07	
02 41 19 13-0214	EA	Drill 8" Diameter Core In 8" Concrete Manhole .....	560.05	
02 41 19 13-0215	EA	Drill 2" Diameter Core In Fiberglass Manhole .....	26.12	
02 41 19 13-0216	EA	Drill 3" Diameter Core In Fiberglass Manhole .....	30.15	
02 41 19 13-0217	EA	Drill 4" Diameter Core In Fiberglass Manhole .....	32.66	
02 41 19 13-0218	EA	Drill 5" Diameter Core In Fiberglass Manhole .....	35.63	
02 41 19 13-0219	EA	Drill 6" Diameter Core In Fiberglass Manhole .....	39.20	
02 41 19 13-0220	EA	Drill 8" Diameter Core In Fiberglass Manhole .....	43.56	
<b>02 41 19 13-0221 Drilling In Concrete Per Inch Of Depth (02 41 19 13-0024)</b>				
Note: Includes layout.				
02 41 19 13-0222	IN	1/4" Diameter Drilling In Concrete Per Inch Of Depth .....	2.02	
02 41 19 13-0223	IN	3/8" Diameter Drilling In Concrete Per Inch Of Depth .....	2.13	
02 41 19 13-0224	IN	1/2" Diameter Drilling In Concrete Per Inch Of Depth .....	2.28	
02 41 19 13-0225	IN	5/8" Diameter Drilling In Concrete Per Inch Of Depth .....	2.43	
02 41 19 13-0226	IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth .....	2.67	
02 41 19 13-0227	IN	7/8" Diameter Drilling In Concrete Per Inch Of Depth .....	2.90	
02 41 19 13-0228	IN	1" Diameter Drilling In Concrete Per Inch Of Depth .....	3.05	
02 41 19 13-0229	IN	1-1/4" Diameter Drilling In Concrete Per Inch Of Depth .....	3.35	
02 41 19 13-0230	IN	1-1/2" Diameter Drilling In Concrete Per Inch Of Depth .....	3.81	
<b>02 41 19 13-0231 Drilling In Brick/Concrete Block Per Inch Of Depth (02 41 19 13-0024)</b>				
Note: Includes layout.				
02 41 19 13-0232	IN	1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	1.69	
02 41 19 13-0233	IN	3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	1.77	
02 41 19 13-0234	IN	1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	1.90	
02 41 19 13-0235	IN	5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	2.02	
02 41 19 13-0236	IN	3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	2.22	
02 41 19 13-0237	IN	7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	2.42	
02 41 19 13-0238	IN	1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	2.54	
02 41 19 13-0239	IN	1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	2.80	
02 41 19 13-0240	IN	1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	3.47	
<b>02 41 19 13-0241 Drilling In Wood Or Plastic Per Inch Of Depth (02 41 19 13-0024)</b>				
Note: Includes layout.				
02 41 19 13-0242	IN	1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	0.84	
02 41 19 13-0243	IN	3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	0.89	
02 41 19 13-0244	IN	1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	0.95	
02 41 19 13-0245	IN	5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.01	
02 41 19 13-0246	IN	3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.11	
02 41 19 13-0247	IN	7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.20	
02 41 19 13-0248	IN	1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.27	
02 41 19 13-0249	IN	1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.40	
02 41 19 13-0250	IN	1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.64	
<b>02 41 19 13-0251 Limestone Core Drilling (02 41 19 13-0024)</b>				
<b>02 41 19 13-0252 10" To 14" Thick Limestone Core Drilling (02 41 19 13-0251)</b>				
02 41 19 13-0253	EA	Drill 1" Diameter Core In 10" To 14" Limestone .....	56.15	
02 41 19 13-0254	EA	Drill 1-1/2" Diameter Core In 10" To 14" Limestone .....	67.41	
02 41 19 13-0255	EA	Drill 2" Diameter Core In 10" To 14" Limestone .....	73.07	
02 41 19 13-0256	EA	Drill 3" Diameter Core In 10" To 14" Limestone .....	84.42	
02 41 19 13-0257	EA	Drill 4" Diameter Core In 10" To 14" Limestone .....	95.76	
02 41 19 13-0258	EA	Drill 6" Diameter Core In 10" To 14" Limestone .....	135.07	
02 41 19 13-0259	EA	Drill 8" Diameter Core In 10" To 14" Limestone .....	224.83	
<b>02 41 19 13-0260 15" To 18" Thick Limestone Core Drilling (02 41 19 13-0251)</b>				
02 41 19 13-0261	EA	Drill 1" Diameter Core In 15" To 18" Limestone .....	61.80	
02 41 19 13-0262	EA	Drill 1-1/2" Diameter Core In 15" To 18" Limestone .....	73.06	
02 41 19 13-0263	EA	Drill 2" Diameter Core In 15" To 18" Limestone .....	78.76	
02 41 19 13-0264	EA	Drill 3" Diameter Core In 15" To 18" Limestone .....	84.55	
02 41 19 13-0265	EA	Drill 4" Diameter Core In 15" To 18" Limestone .....	112.71	
02 41 19 13-0266	EA	Drill 6" Diameter Core In 15" To 18" Limestone .....	146.43	
02 41 19 13-0267	EA	Drill 8" Diameter Core In 15" To 18" Limestone .....	236.37	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>02 41 19 13-0268</b>	<b>19" To 24" Thick Limestone Core Drilling (02 41 19 13-0251)</b>	
02 41 19 13-0269 EA Drill 1" Diameter Core In 19" To 24" Limestone .....	67.44	
02 41 19 13-0270 EA Drill 1-1/2" Diameter Core In 19" To 24" Limestone .....	78.72	
02 41 19 13-0271 EA Drill 2" Diameter Core In 19" To 24" Limestone .....	84.42	
02 41 19 13-0272 EA Drill 3" Diameter Core In 19" To 24" Limestone .....	95.82	
02 41 19 13-0273 EA Drill 4" Diameter Core In 19" To 24" Limestone .....	135.19	
02 41 19 13-0274 EA Drill 6" Diameter Core In 19" To 24" Limestone .....	168.98	
02 41 19 13-0275 EA Drill 8" Diameter Core In 19" To 24" Limestone .....	253.53	
<b>02 41 19 13-0276</b>	<b>Minimum Charge For Core Drilling (02 41 19 13-0024)</b>	
02 41 19 13-0277 EA Core Drill Minimum Charge .....	754.18	
	Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth".	
<b>02 41 19 13-0278</b>	<b>Cutouts (02 41 19 13)</b>	
	Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF.	
<b>02 41 19 13-0279</b>	<b>Reinforced Concrete Slab On Grade Cutouts (02 41 19 13-0278)</b>	
02 41 19 13-0280 SF 4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....	45.07	
02 41 19 13-0281 SF 6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....	47.80	
02 41 19 13-0282 SF 8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....	50.53	
02 41 19 13-0283 SF 10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....	53.27	
02 41 19 13-0284 SF 12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....	54.62	
<b>02 41 19 13-0285</b>	<b>Reinforced Concrete Elevated Slab Cutouts (02 41 19 13-0278)</b>	
	Note: Includes cutting and removing steel decking.	
02 41 19 13-0286 SF 4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....	54.93	
02 41 19 13-0287 SF 6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....	58.25	
02 41 19 13-0288 SF 8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....	61.59	
02 41 19 13-0289 SF 10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....	64.91	
02 41 19 13-0290 SF 12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....	66.58	
<b>02 41 19 13-0291</b>	<b>Reinforced Concrete Wall Cutouts (02 41 19 13-0278)</b>	
02 41 19 13-0292 SF 4" Thick Reinforced Concrete Wall Cutouts, <24 SF .....	56.34	
02 41 19 13-0293 SF 6" Thick Reinforced Concrete Wall Cutouts, <24 SF .....	59.75	
02 41 19 13-0294 SF 8" Thick Reinforced Concrete Wall Cutouts, <24 SF .....	63.16	
02 41 19 13-0295 SF 10" Thick Reinforced Concrete Wall Cutouts, <24 SF .....	66.58	
02 41 19 13-0296 SF 12" Thick Reinforced Concrete Wall Cutouts, <24 SF .....	68.29	
<b>02 41 19 13-0297</b>	<b>Brick Wall Cutouts (02 41 19 13-0278)</b>	
	Note: Excludes toothing.	
02 41 19 13-0298 SF 4" Thick Brick Wall Cutouts, <24 SF .....	17.07	
02 41 19 13-0299 SF 6" Thick Brick Wall Cutouts, <24 SF .....	28.17	
02 41 19 13-0300 SF 8" Thick Brick Wall Cutouts, <24 SF .....	39.23	
02 41 19 13-0301 SF 10" Thick Brick Wall Cutouts, <24 SF .....	47.80	
02 41 19 13-0302 SF 12" Thick Brick Wall Cutouts, <24 SF .....	57.19	
02 41 19 13-0303 SF 16" Thick Brick Wall Cutouts, <24 SF .....	67.43	
<b>02 41 19 13-0304</b>	<b>Concrete Block Wall Cutouts (02 41 19 13-0278)</b>	
	Note: Excludes toothing.	
02 41 19 13-0305 SF 4" Thick Concrete Block Wall Cutouts, <24 SF .....	28.24	
02 41 19 13-0306 SF 6" Thick Concrete Block Wall Cutouts, <24 SF .....	29.91	
02 41 19 13-0307 SF 8" Thick Concrete Block Wall Cutouts, <24 SF .....	31.58	
02 41 19 13-0308 SF 10" Thick Concrete Block Wall Cutouts, <24 SF .....	33.29	
02 41 19 13-0309 SF 12" Thick Concrete Block Wall Cutouts, <24 SF .....	34.14	
02 41 19 13-0310 SF 16" Thick Concrete Block Wall Cutouts, <24 SF .....	35.85	
<b>02 41 19 13-0311</b>	<b>Limestone Cutouts (02 41 19 13-0278)</b>	
02 41 19 13-0312 SF 2" Thick Limestone Cutouts, <24 SF .....	47.80	
02 41 19 13-0313 SF 4" Thick Limestone Cutouts, <24 SF .....	58.04	
02 41 19 13-0314 SF 6" Thick Limestone Cutouts, <24 SF .....	61.45	
02 41 19 13-0315 SF 8" Thick Limestone Cutouts, <24 SF .....	64.87	
02 41 19 13-0316 SF 10" Thick Limestone Cutouts, <24 SF .....	68.29	
02 41 19 13-0317 SF 12" Thick Limestone Cutouts, <24 SF .....	71.70	
<b>02 41 19 13-0318</b>	<b>Toothing Masonry Cutouts (02 41 19 13-0278)</b>	
	Note: For use where existing masonry must be removed in a toothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.	
02 41 19 13-0319 VLF Brick, Soft Old Mortar, Toothing Masonry Cutouts .....	17.07	



		<b>Existing Conditions</b>	<b>02</b>
		<b>Demolition and Structure Moving</b>	<b>02 40</b>
		Demolition	02 41

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0320 VLF Brick, Hard Mortar, Toothing Masonry Cutouts.....	23.04	
02 41 19 13-0321 VLF Concrete Block, Soft Old Mortar, Toothing Masonry Cutouts .....	10.24	
02 41 19 13-0322 VLF Concrete Block, Hard Mortar, Toothing Masonry Cutouts .....	13.66	
<b>02 41 19 13-0323 Minimum Charge For Cutouts (02 41 19 13-0278)</b>		
Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0324 EA Cutouts Minimum Charge .....	341.42	
<b>02 41 19 13-0325 Exterior Masonry Removal (02 41 19 13)</b>		
<b>02 41 19 13-0326 Masonry Columns Removal (Interior And Exterior) (02 41 19 13-0325)</b>		
02 41 19 13-0327 VLF 8" x 8" Masonry Column Removal .....	13.29	
02 41 19 13-0328 VLF 10" x 10" Masonry Column Removal .....	20.76	
02 41 19 13-0329 VLF 12" x 12" Masonry Column Removal .....	26.58	
02 41 19 13-0330 VLF 14" x 14" Masonry Column Removal .....	33.28	
02 41 19 13-0331 VLF 16" x 16" Masonry Column Removal .....	40.89	
02 41 19 13-0332 CF Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square .....	22.96	
<b>02 41 19 13-0333 Masonry Chimney Removal (02 41 19 13-0325)</b>		
02 41 19 13-0334 CF Up To 3 CF/VLF Chimney Removal, Per CF Of Masonry Removed .....	26.93	
02 41 19 13-0335 CF >3 To 10 CF/VLF Chimney Removal, Per CF Of Masonry Removed .....	20.22	
02 41 19 13-0336 CF >10 To 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed .....	15.48	
02 41 19 13-0337 CF >20 CF/VLF Chimney Removal, Per CF Of Masonry Removed .....	10.71	
<b>02 41 19 13-0338 Remove And Reset Precast, Stone Or Masonry Coping (02 41 19 13-0325)</b>		
Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.		
02 41 19 13-0339 LF Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping .....	18.82	
02 41 19 13-0340 LF >8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping .....	28.16	
02 41 19 13-0341 LF >12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping .....	53.86	
<b>02 41 19 13-0342 Facade Removal (02 41 19 13-0325)</b>		
Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.		
02 41 19 13-0343 SF Stone Or Brick Veneer Facade Removal .....	5.05	
<i>For Cleaning and Storage For Reuse, Add</i>		7.58
<b>02 41 19 13-0344 Exterior Masonry Removal (02 41 19 13-0325)</b>		
Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.		
02 41 19 13-0345 SF Demolish 4" Thick Non Reinforced Concrete Block Exterior Wall.....	4.45	
02 41 19 13-0346 SF Demolish 6" Thick Non Reinforced Concrete Block Exterior Wall.....	5.01	
02 41 19 13-0347 SF Demolish 8" Thick Non Reinforced Concrete Block Exterior Wall.....	6.06	
02 41 19 13-0348 SF Demolish 10" Thick Non Reinforced Concrete Block Exterior Wall.....	6.64	
02 41 19 13-0349 SF Demolish 12" Thick Non Reinforced Concrete Block Exterior Wall.....	7.28	
02 41 19 13-0350 SF Demolish 16" Thick Non Reinforced Concrete Block Exterior Wall.....	9.11	
02 41 19 13-0351 SF Demolish 4" Thick Reinforced Concrete Block Exterior Wall .....	5.26	
02 41 19 13-0352 SF Demolish 6" Thick Reinforced Concrete Block Exterior Wall .....	6.02	
02 41 19 13-0353 SF Demolish 8" Thick Reinforced Concrete Block Exterior Wall .....	7.28	
02 41 19 13-0354 SF Demolish 10" Thick Reinforced Concrete Block Exterior Wall .....	7.96	
02 41 19 13-0355 SF Demolish 12" Thick Reinforced Concrete Block Exterior Wall .....	8.74	
02 41 19 13-0356 SF Demolish 16" Thick Reinforced Concrete Block Exterior Wall .....	10.93	
02 41 19 13-0357 SF Demolish 4" Thick Brick Exterior Wall .....	4.45	
<i>For Cleaning and Storage For Reuse, Add</i>		6.68
02 41 19 13-0358 SF Demolish 6" Thick Brick Exterior Wall.....	5.01	
<i>For Cleaning and Storage For Reuse, Add</i>		7.52
02 41 19 13-0359 SF Demolish 8" Thick Brick Exterior Wall.....	6.06	
<i>For Cleaning and Storage For Reuse, Add</i>		9.09
02 41 19 13-0360 SF Demolish 10" Thick Brick Exterior Wall.....	6.64	
<i>For Cleaning and Storage For Reuse, Add</i>		9.96
02 41 19 13-0361 SF Demolish 12" Thick Brick Exterior Wall.....	7.28	
<i>For Cleaning and Storage For Reuse, Add</i>		10.92
02 41 19 13-0362 SF Demolish 16" Thick Brick Exterior Wall.....	9.11	
<i>For Cleaning and Storage For Reuse, Add</i>		13.67
02 41 19 13-0363 CF Exterior Brick, Concrete Block Or Composite Removal .....	12.95	
<i>For Cleaning and Storage For Reuse, Add</i>		19.43
<b>02 41 19 13-0364 Lintel Removal (02 41 19 13-0325)</b>		
Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.		

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0365 LF Demolish Steel Lintel .....	17.43	
02 41 19 13-0366 LF Demolish Concrete Or Stone Lintel.....	23.24	
02 41 19 13-0367 LF Demolish Steel Shelf Angle .....	18.40	
<b>02 41 19 13-0368 Reinstall Lintel</b> (02 41 19 13-0325) Note: Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.		
02 41 19 13-0369 LF Clean, Prime And Paint Steel Shelf Angle Or Lintel.....	10.68	
02 41 19 13-0370 LF Reinstall Existing Concrete Or Stone Lintel .....	23.24	
02 41 19 13-0371 LF Reinstall Existing Steel Shelf Angle .....	47.22	
Note: Includes fasteners.		
02 41 19 13-0372 LF Reinstall Existing Steel Lintel.....	19.37	
02 41 19 13-0373 LF Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls .....	80.71	
02 41 19 13-0374 LF Removal And Replacement Of Steel Lintel Over Window Openings .....	137.18	
<b>02 41 19 13-0375 Exterior Concrete Wall Removal</b> (02 41 19 13) Note: Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.		
02 41 19 13-0376 SF Demolish 4" Thick Reinforced Concrete Exterior Wall .....	5.96	
02 41 19 13-0377 SF Demolish 6" Thick Reinforced Concrete Exterior Wall .....	10.81	
02 41 19 13-0378 SF Demolish 8" Thick Reinforced Concrete Exterior Wall .....	13.57	
02 41 19 13-0379 SF Demolish 10" Thick Reinforced Concrete Exterior Wall .....	16.01	
02 41 19 13-0380 SF Demolish 12" Thick Reinforced Concrete Exterior Wall .....	18.93	
<b>02 41 19 13-0381 Elevated Concrete Removal</b> (02 41 19 13) Note: Excludes break-up of material, loading into truck or dumpster and clean-up.		
02 41 19 13-0382 CF Elevated Concrete Beam/Slab/Steps Removal, Reinforced .....	11.44	
<b>02 41 19 16 Selective Interior Demolition</b> (02 41 19) Note: Includes break-up of material, loading into truck or dumpster and clean-up.		
<b>02 41 19 16-0001 Floor Removal</b> (02 41 19 16) Note: Includes break-up of material, loading into truck or dumpster and clean-up.		
<b>02 41 19 16-0002 Scarify Concrete</b> (02 41 19 16-0001) Note: Up to 1/4" removal per pass.		
02 41 19 16-0003 SF Scarify Concrete Floor .....	0.28	
02 41 19 16-0004 SF Scarify Concrete Tread And Riser .....	2.38	
02 41 19 16-0005 SF Scarify Concrete Wall .....	2.16	
<b>02 41 19 16-0006 Fireproofing Removal</b> (02 41 19 16) Note: Includes break-up of material, loading into truck or dumpster and clean-up.		
02 41 19 16-0007 SF Removal Of Fireproofing From Concrete Or Steel.....	1.12	
<b>02 41 19 16-0008 Demolish Ceiling</b> (02 41 19 16) Note: Includes break-up of material, loading into truck or dumpster and clean-up.		
02 41 19 16-0009 SF Demolish Drywall Ceiling .....	0.86	
02 41 19 16-0010 SF Demolish Furred Plastered Ceiling .....	2.02	
02 41 19 16-0011 SF Demolish Suspended Plastered Ceiling And Suspension System.....	1.55	
<b>02 41 19 16-0012 Demolish Concrete Stair</b> (02 41 19 16) Note: Includes break-up of material, loading into truck or dumpster and clean-up.		
02 41 19 16-0013 CF Demolish Interior Reinforced Concrete Stairs.....	7.28	
02 41 19 16-0014 CF Demolish Exterior Reinforced Concrete Stairs.....	6.22	
<b>02 41 19 16-0015 Demolish Interior Partition/Wall</b> (02 41 19 16) Note: Price includes knock down, loading, clean-up.		
<b>02 41 19 16-0016 Demolish Masonry And Concrete Interior Partition/Walls</b> (02 41 19 16-0015) Note: Includes saw cutting, knock down, loading and clean-up.		
<b>02 41 19 16-0017 Demolish Concrete Block Interior Partition/Walls</b> (02 41 19 16-0016) Note: Includes saw cutting, knock down, loading and clean-up.		
02 41 19 16-0018 SF Demolish 4" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	4.71	
02 41 19 16-0019 SF Demolish 6" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	5.03	
02 41 19 16-0020 SF Demolish 8" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	5.68	
02 41 19 16-0021 SF Demolish 12" Thick Non Reinforced Concrete Block Interior Partition/Wall .....	7.29	
02 41 19 16-0022 SF Demolish 16" Thick Non Reinforced Concrete Block Interior Partition/Wall .....	9.11	
02 41 19 16-0023 SF Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall .....	5.66	
02 41 19 16-0024 SF Demolish 6" Thick Reinforced Concrete Block Interior Partiton/Wall .....	6.04	
02 41 19 16-0025 SF Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall .....	6.81	
02 41 19 16-0026 SF Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall .....	8.75	
02 41 19 16-0027 SF Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall .....	10.93	
<b>02 41 19 16-0028 Demolish Brick Interior Partition/Walls</b> (02 41 19 16-0016) Note: Includes saw cutting, knock down, loading and clean-up.		
02 41 19 16-0029 SF Demolish 4" Thick Brick Interior Partition/Wall.....	4.71	
02 41 19 16-0030 SF Demolish 8" Thick Brick Interior Partition/Wall .....	5.68	
02 41 19 16-0031 SF Demolish 12" Thick Brick Interior Partition/Wall .....	7.28	
02 41 19 16-0032 SF Demolish 16" Thick Brick Interior Partition/Wall .....	9.11	



		<b>Existing Conditions</b>	<b>02</b>
		<b>Demolition and Structure Moving</b>	<b>02 40</b>
		Demolition	02 41

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>02 41 19 16-0033</b> Demolish Glass Block Interior Partition/Walls (02 41 19 16-0016)		
02 41 19 16-0034 SF Demolish Glass Block Interior Partition/Walls.....	4.04	
<b>02 41 19 16-0035</b> Demolish Concrete Interior Partition/Walls (02 41 19 16-0016)		
See CSI section 02 41 16 13-0021 for concrete foundation demolition.		
02 41 19 16-0036 SF Demolish 6" Thick Non Reinforced Concrete Interior Partition/Wall.....	8.57	
02 41 19 16-0037 SF Demolish 8" Thick Non Reinforced Concrete Interior Partition/Wall.....	10.71	
02 41 19 16-0038 SF Demolish 12" Thick Non Reinforced Concrete Interior Partition/Wall.....	15.00	
02 41 19 16-0039 SF Demolish 6" Thick Reinforced Concrete Interior Partition/Wall.....	10.29	
02 41 19 16-0040 SF Demolish 8" Thick Reinforced Concrete Interior Partition/Wall.....	12.95	
02 41 19 16-0041 SF Demolish 12" Thick Reinforced Concrete Interior Partition/Wall.....	18.01	
<b>02 41 19 16-0042</b> Demolish Terra-Cotta Block Interior Partition/Walls (02 41 19 16-0016)		
02 41 19 16-0043 SF Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster.....	1.62	
<b>02 41 19 16-0044</b> Demolish Stud Framed Interior Partition/Walls (02 41 19 16-0015)		
Note: Includes knock down, loading and clean-up. Includes demo of insulation if required.		
02 41 19 16-0045 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side.....	2.86	
For Heights >14' To 20', Add	0.43	
For Heights >20', Add	0.57	
02 41 19 16-0046 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides.....	3.33	
For Heights >14' To 20', Add	0.50	
For Heights >20', Add	0.67	
02 41 19 16-0047 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side.....	3.65	
For Heights >14' To 20', Add	0.55	
For Heights >20', Add	0.73	
02 41 19 16-0048 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides.....	5.07	
For Heights >14' To 20', Add	0.76	
For Heights >20', Add	1.01	
02 41 19 16-0049 SF Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall.....	1.51	
For Heights >14' To 20', Add	0.23	
For Heights >20', Add	0.30	
02 41 19 16-0050 SF Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall.....	1.79	
For Heights >14' To 20', Add	0.27	
For Heights >20', Add	0.36	
<b>02 42</b> Removal and Salvage of Construction Materials (02 40)		
<b>02 42 21</b> Salvage of Construction Materials (02 42)		
Note: Includes placement on pallets and storage on site.		
<b>02 42 21 35</b> Roofing Salvage (02 42 21)		
<b>02 42 21 35-0001</b> Clay Tile Roof Remove And Salvage For Re-use (02 42 21 35)		
Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.		
02 42 21 35-0002 SQ Removal Of Clay Roof Tile, Salvage For Re-use.....	262.78	
<b>02 42 21 47</b> Flooring Salvage (02 42 21)		
<b>02 42 21 47-0001</b> Remove And Salvage For Re-Use (02 42 21 47)		
Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.		
02 42 21 47-0002 SF Removal Of Brick Flooring And Salvage.....	2.39	
02 42 21 47-0003 SF Removal Of Ceramic/Quarry Tile Floor And Salvage.....	2.39	
02 42 21 47-0004 SF Removal Of Terrazzo Flooring And Salvage.....	3.31	
02 42 21 47-0005 SF Removal Of Wood Strip Flooring And Salvage.....	1.93	
02 42 21 47-0006 SF Removal Of Wood Parquet Flooring And Salvage.....	1.02	
02 42 21 47-0007 SF Removal Of Resilient/Linoleum Flooring And Salvage.....	0.73	
<b>02 43</b> Structure Moving (02 40)		
<b>02 43 13</b> Structure Relocation (02 43)		
Note: Includes disconnection of utilities, moving of structure, one day move (excludes travel expenses and lodging), up to 24' wide. Reset on new foundations and hook up to utilities.		
<b>02 43 13 13</b> Building Relocation (02 43 13)		
<b>02 43 13 13-0001</b> Move Relocatable Structures (Trailer, Mobile Facilities, etc.), Complete (02 43 13)		
Note: Includes disconnect portable from foundation, separate relocatable unit and attachments as needed for transport, secure all relocatable attachments (awnings, steps, ramps, railing, etc.) for transport, transport relocatable and attachments to new location, including permits and police escort, connect to foundation per approved specifications/details, including welding and/or hurricane anchoring as needed.		
02 43 13 13-0002 SF Up To 800 SF, Move Relocatable Metal Frame Building.....	32.50	
02 43 13 13-0003 SF >800 To 920 SF, Move Relocatable Metal Frame Building.....	30.72	
02 43 13 13-0004 SF >920 SF, Move Relocatable Metal Frame Building.....	28.75	
02 43 13 13-0005 SF Up To 800 SF, Move Relocatable Wood Frame Building.....	26.08	
02 43 13 13-0006 SF >800 To 920 SF, Move Relocatable Wood Frame Building.....	24.37	
02 43 13 13-0007 SF >920 SF, Move Relocatable Wood Frame Building.....	21.56	

<b>02</b>	<b>02 Existing Conditions</b>
	<b>02 40 Demolition and Structure Moving</b>
	02 43 Structure Moving



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 43 13 13-0008 SF Up To 800 SF, Move Relocatable Wood/Metal Frame Building.....	31.58	
02 43 13 13-0009 SF >800 To 920 SF, Move Relocatable Wood/Metal Frame Building .....	28.75	
02 43 13 13-0010 SF >920 SF, Move Relocatable Wood/Metal Frame Building.....	24.37	

**02 50 Site Remediation** (02)

**02 58 Snow Control** (02 50)

**02 58 13 Snow Fencing** (02 58)

**02 58 13 00-0001 Snow/Sand Fence On Steel Posts** (02 58 13)

02 58 13 00-0002 LF Steel Fence Post, 10' On Center With 4' Wood Snow/Sand Fence .....	6.65	1.90
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**02 60 Contaminated Site Material Removal** (02)

**02 61 Removal and Disposal of Contaminated Soils** (02 60)

**02 61 26 Removal and Disposal of Asbestos Contaminated Soils** (02 61)

Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

**02 61 26 00-0001 Removal and Disposal of Asbestos Contaminated Soils** (02 61 26)

Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 61 26 00-0002 EA Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal .....	887.49	
<i>For Work In Restricted Working Space, Add</i>	266.25	
02 61 26 00-0003 CF >10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal .....	58.83	
<i>For Work In Restricted Working Space, Add</i>	17.65	
02 61 26 00-0004 CF >100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal .....	39.22	
<i>For Work In Restricted Working Space, Add</i>	11.77	
02 61 26 00-0005 CF >250 To 500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal .....	29.45	
<i>For Work In Restricted Working Space, Add</i>	8.84	
02 61 26 00-0006 CF >500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal .....	23.53	
<i>For Work In Restricted Working Space, Add</i>	7.06	
02 61 26 00-0007 CF >2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal .....	20.00	
<i>For Work In Restricted Working Space, Add</i>	6.00	
02 61 26 00-0008 CF >10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal .....	18.00	
<i>For Work In Restricted Working Space, Add</i>	5.40	

**02 80 Facility Remediation** (02)

**02 81 Transportation and Disposal of Hazardous Materials** (02 80)

**02 81 00 00-0001 Equipment Oil Drain And Disposal** (02 81)

02 81 00 00-0002 TRIP Drain Oil Filled Equipment, Place In Approved Container And Transport To Disposal Site .....	528.64	
Note: Excludes Disposal Cost.		
02 81 00 00-0003 DRM Disposal Of Non-Polychlorinated Biphenyl (PCB) Oil In Normal Landfill, Per Partial Or Full 55-Gallon Drum .....	83.07	
Note: Excludes draining, placing in approved container, and transporting to disposal site.		
02 81 00 00-0004 DRM Disposal Of Non-Toxic Polychlorinated Biphenyl (PCB) Oil Into A Lined Landfill, Per Partial Or Full 55-Gallon Drum .....	377.60	
Note: Excludes draining, placing in approved container, and transporting to disposal site.		
02 81 00 00-0005 DRM Disposal of Toxic Polychlorinated Biphenyl (PCB) Oil By Incineration, Per Partial Or Full 55-Gallon Drum .....	679.68	
Note: Excludes draining, placing in approved container, and transporting to disposal site.		
02 81 00 00-0006 CF Hazardous Polychlorinated Biphenyl (PCB) Oil Filled Equipment Disposal At Approved Site .....	90.48	
Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal.		

**02 82 Asbestos Remediation** (02 80)

See CSI section 01 56 16 00-0031 for temporary stud walls, 01 74 19 00-0039 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting for containment construction, 02 89 00 00-0015 for decontamination chambers.

**02 82 13 Asbestos Abatement** (02 82)

**02 82 13 00-0001 Air Monitoring And Bulk Sampling, Asbestos Testing** (02 82 13)

Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Polarizing Light Microscope (PLM), Phase Contrast Microscope (PCM), and Transmission Electron Microscope (TEM). Excludes sampling time.

02 82 13 00-0002 HR Certified Asbestos Air Sampling Technician For Bulk Sampling Or Air Monitoring .....	70.80	
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<b>Existing Conditions</b>	<b>02</b>
<b>Facility Remediation</b>	<b>02 80</b>
<b>Asbestos Remediation</b>	<b>02 82</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 13 00-0003 EA 48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing .....	49.08	
02 82 13 00-0004 EA Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing .....	57.54	
02 82 13 00-0005 EA Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing .....	91.40	
02 82 13 00-0006 EA 48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing .....	157.40	
02 82 13 00-0007 EA Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing .....	191.25	
02 82 13 00-0008 EA 48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing.....	38.93	
02 82 13 00-0009 EA Next Day Turnaround, (Air) PCM Test, Asbestos Testing .....	47.39	
02 82 13 00-0010 EA Same Day Turnaround, (Air) PCM Test, Asbestos Testing .....	64.32	
02 82 13 00-0011 EA 48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test .....	49.08	
02 82 13 00-0012 EA Next Day Turnaround, (Air Point Counting) PLM Test .....	57.54	
02 82 13 00-0013 EA Same Day Turnaround, (Air Point Counting) PLM Test .....	91.40	
02 82 13 00-0014 EA 48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing .....	157.40	
02 82 13 00-0015 EA Next Day Turnaround, (Air) TEM Test, Asbestos Testing .....	181.10	
02 82 13 00-0016 EA Same Day Turnaround, (Air) TEM Test, Asbestos Testing .....	252.18	
<b>02 82 16 Engineering Control of Asbestos Containing Materials (02 82)</b>		
<b>02 82 16 00-0001 Asbestos Encapsulation (Lock-Down) (02 82 16)</b>		
02 82 16 00-0002 SF Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat .....	1.43	
02 82 16 00-0003 SF Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound).....	1.93	
02 82 16 00-0004 SF Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®) .....	2.07	
02 82 16 00-0005 SF Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®) .....	2.27	
02 82 16 00-0006 SF Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®) .....	6.90	
02 82 16 00-0007 SF Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®) .....	7.79	
<b>02 82 33 Removal and Disposal of Asbestos Containing Materials (02 82)</b>		
Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, lockdown encapsulant applied to surfaces, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. This does not apply to glove bag projects.		
02 82 33 00-0001 Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0002 Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0001) Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.		
02 82 33 00-0003 Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002) See CSI section 02 82 33 00-0017 for projects with less than 10 LF.		
02 82 33 00-0004 SET Up To 20 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	930.18	
For Work In Restricted Working Space, Add	266.25	
02 82 33 00-0005 LF >20 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal .....	32.38	
For Work In Restricted Working Space, Add	9.08	
02 82 33 00-0006 LF >250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal .....	24.82	
For Work In Restricted Working Space, Add	6.81	
02 82 33 00-0007 LF >500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal .....	19.15	
For Work In Restricted Working Space, Add	5.11	
02 82 33 00-0008 LF >2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal .....	14.89	
For Work In Restricted Working Space, Add	3.83	
02 82 33 00-0009 LF >10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	13.23	
For Work In Restricted Working Space, Add	3.33	
02 82 33 00-0010 >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002) See CSI section 02 82 33 00-0017 for projects with less than 10 LF.		
02 82 33 00-0011 SET Up To 20 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal .....	972.87	
For Work In Restricted Working Space, Add	266.25	
02 82 33 00-0012 LF >20 To 250 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	39.07	
For Work In Restricted Working Space, Add	10.44	
02 82 33 00-0013 LF >250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	30.36	
For Work In Restricted Working Space, Add	7.83	
02 82 33 00-0014 LF >500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	23.84	
For Work In Restricted Working Space, Add	5.87	
02 82 33 00-0015 LF >2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	18.94	
For Work In Restricted Working Space, Add	4.40	
02 82 33 00-0016 LF >10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	17.04	
For Work In Restricted Working Space, Add	3.83	
02 82 33 00-0017 Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002) Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.		
02 82 33 00-0018 SET Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal .....	579.17	
For Work In Restricted Working Space, Add	169.91	
02 82 33 00-0019 LF >3 To 20 LF Additional Glove Bag Work For Pipe Insulation .....	98.66	
For Work In Restricted Working Space, Add	28.32	

**02 Existing Conditions****02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-020	LF		>20 To 250 LF Additional Glove Bag Work for Pipe Insulation ..... <i>For Work In Restricted Working Space, Add</i>	40.92 11.00	
02 82 33 00-021	LF		>250 To 500 LF Additional Glove Bag Work for Pipe Insulation ..... <i>For Work In Restricted Working Space, Add</i>	31.74 8.24	
02 82 33 00-022	LF		>500 LF Additional Glove Bag Work for Pipe Insulation ..... <i>For Work In Restricted Working Space, Add</i>	24.88 6.18	
<b>02 82 33 00-023</b>			<b>Thermal Insulation, Asbestos Abatement And Disposal</b> (02 82 33)		
<b>02 82 33 00-024</b>			<b>Calcium Block Insulation, Asbestos Abatement And Disposal</b> (02 82 33 00-023)		
02 82 33 00-025	SET		Up To 10 SF, Calcium Block Insulation, Asbestos Abatement And Disposal.....	908.83	
02 82 33 00-026	SF		>10 To 500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal .....	38.29	
02 82 33 00-027	SF		>500 To 2,500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal .....	31.87	
02 82 33 00-028	SF		>2,500 To 10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal .....	25.90	
02 82 33 00-029	SF		>10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal .....	21.44	
<b>02 82 33 00-030</b>			<b>Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal</b> (02 82 33 00-023)		
02 82 33 00-031	SET		Up To 10 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal .....	898.16	
02 82 33 00-032	SF		>10 To 500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal .....	33.10	
02 82 33 00-033	SF		>500 To 2,500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal .....	26.68	
02 82 33 00-034	SF		>2,500 To 10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal .....	20.71	
02 82 33 00-035	SF		>10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal .....	16.25	
<b>02 82 33 00-036</b>			<b>Fibrous Glass Board Insulation, Asbestos Abatement And Disposal</b> (02 82 33 00-023)		
02 82 33 00-037	SET		Up To 10 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal.....	894.61	
02 82 33 00-038	SF		>10 To 500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal .....	29.19	
02 82 33 00-039	SF		>500 To 2,500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal .....	22.76	
02 82 33 00-040	SF		>2,500 To 10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal .....	16.79	
02 82 33 00-041	SF		>10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal .....	12.33	
<b>02 82 33 00-042</b>			<b>Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal</b> (02 82 33 00-023) Note: e.g., duct, boiler, tank, etc.		
02 82 33 00-043	SET		Up To 25 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal .....	914.17	
02 82 33 00-044	SF		>25 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	31.32	
02 82 33 00-045	SF		>500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	24.89	
02 82 33 00-046	SF		>2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	18.94	
02 82 33 00-047	SF		>10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	14.47	
<b>02 82 33 00-048</b>			<b>Surfacing Material, Asbestos Abatement And Disposal</b> (02 82 33)		
<b>02 82 33 00-049</b>			<b>Fireproofing For Small Areas, Asbestos Abatement And Disposal</b> (02 82 33 00-0048) Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0051 for areas > 1 SF see CSI section.		
02 82 33 00-050	EA		Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal..... Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.	148.99	
<b>02 82 33 00-051</b>			<b>Fireproofing, Asbestos Abatement And Disposal</b> (02 82 33 00-0048) Note: Exposed surface area, includes associated overspray.		
02 82 33 00-052	SET		Up To 25 SF, Fireproofing, Asbestos Abatement And Disposal .....	914.17	
02 82 33 00-053	SF		>25 To 500 SF, Fireproofing, Asbestos Abatement And Disposal.....	37.37	
02 82 33 00-054	SF		>500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal .....	28.28	
02 82 33 00-055	SF		>2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal .....	21.48	
02 82 33 00-056	SF		>10,000 SF, Fireproofing, Asbestos Abatement And Disposal .....	16.38	
<b>02 82 33 00-057</b>			<b>Acoustical Plaster, Asbestos Abatement And Disposal</b> (02 82 33 00-0048) Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.		
02 82 33 00-058	SET		Up To 25 SF, Acoustical Plaster, Asbestos Abatement And Disposal .....	905.28	
02 82 33 00-059	SF		>25 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	15.87	
02 82 33 00-060	SF		>500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	12.17	
02 82 33 00-061	SF		>2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	9.22	
02 82 33 00-062	SF		>10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	7.00	
<b>02 82 33 00-063</b>			<b>Gypsum Wall Board, Asbestos Abatement And Disposal</b> (02 82 33 00-0048)		
02 82 33 00-064	SET		Up To 50 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal..... <i>For Additional Layer, Add</i>	923.07 244.06	
02 82 33 00-065	SF		>50 To 500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal .....	12.35	
			<i>For Additional Layer, Add</i>	3.20	
02 82 33 00-066	SF		>500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal .....	9.22	
			<i>For Additional Layer, Add</i>	2.34	
02 82 33 00-067	SF		>2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal..... <i>For Additional Layer, Add</i>	7.37 1.83	





<b>Existing Conditions</b>	<b>02</b>	<b>02</b>
Facility Remediation	02 80	
Asbestos Remediation	02 82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0068 SF >10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal ..... <i>For Additional Layer, Add</i>	5.89 1.42	
02 82 33 00-0069 SF >50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal ..... <i>For Additional Layer, Add</i>	4.78 1.12	
02 82 33 00-0070 SF >100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal ..... <i>For Additional Layer, Add</i>	3.97 0.90	
<b>02 82 33 00-0071 Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal (02 82 33 00-0048)</b>		
02 82 33 00-0072 SET Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	905.28	
02 82 33 00-0073 SF >25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	22.83	
02 82 33 00-0074 SF >500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal .....	16.90	
02 82 33 00-0075 SF >2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal .....	13.36	
02 82 33 00-0076 SF >10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal .....	10.55	
02 82 33 00-0077 SF >50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	7.74	
<b>02 82 33 00-0078 Stucco, Asbestos Abatement And Disposal (02 82 33 00-0048)</b>		
02 82 33 00-0079 SET Up To 50 SF, Stucco, Asbestos Abatement And Disposal .....	923.07	
02 82 33 00-0080 SF >50 To 500 SF, Stucco, Asbestos Abatement And Disposal .....	26.43	
02 82 33 00-0081 SF >500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal .....	20.00	
02 82 33 00-0082 SF >2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal .....	15.18	
02 82 33 00-0083 SF >10,000 SF, Stucco, Asbestos Abatement And Disposal .....	11.56	
<b>02 82 33 00-0084 Spray On Acoustical Ceiling, Asbestos Abatement And Disposal (02 82 33 00-0048)</b>		
02 82 33 00-0085 SET Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal .....	923.07	
02 82 33 00-0086 SF >50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	10.57	
02 82 33 00-0087 SF >500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	8.81	
02 82 33 00-0088 SF >2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	6.26	
02 82 33 00-0089 SF >10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	4.86	
<b>02 82 33 00-0090 Plywood, Asbestos Abatement And Disposal (02 82 33 00-0048)</b>		
02 82 33 00-0091 SET Up To 40 SF, Plywood, Asbestos Abatement And Disposal.....	915.96	
02 82 33 00-0092 SF >50 To 500 SF, Plywood, Asbestos Abatement And Disposal .....	13.28	
02 82 33 00-0093 SF >500 To 2,500 SF, Plywood, Asbestos Abatement And Disposal .....	6.76	
02 82 33 00-0094 SF >2,500 To 10,000 SF, Plywood, Asbestos Abatement And Disposal .....	4.80	
02 82 33 00-0095 SF >10,000 SF, Plywood, Asbestos Abatement And Disposal.....	4.19	
<b>02 82 33 00-0096 Flooring Material, Asbestos Abatement And Disposal (02 82 33)</b>		
<b>02 82 33 00-0097 Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal (02 82 33 00-0096)</b>		
<b>02 82 33 00-0098 Floor Tile, Asbestos Abatement And Disposal (02 82 33 00-0097)</b> Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0099 SET Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal..... <i>For Each Additional Layer, Add</i>	894.61 223.65	
02 82 33 00-0100 SF >100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal..... <i>For Each Additional Layer, Add</i>	6.76 1.69	
02 82 33 00-0101 SF >500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal..... <i>For Each Additional Layer, Add</i>	5.63 1.41	
02 82 33 00-0102 SF >2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal..... <i>For Each Additional Layer, Add</i>	4.59 1.15	
02 82 33 00-0103 SF >10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal..... <i>For Each Additional Layer, Add</i>	3.33 0.83	
<b>02 82 33 00-0104 Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal (02 82 33 00-0097)</b> Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0105 SET Up To 100 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal..... <i>For Each Additional Layer, Add</i>	894.61 223.65	
02 82 33 00-0106 SF >100 To 500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal..... <i>For Each Additional Layer, Add</i>	6.76 1.69	
02 82 33 00-0107 SF >500 To 2,500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal..... <i>For Each Additional Layer, Add</i>	5.65 1.41	
02 82 33 00-0108 SF >2,500 To 10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal.....	5.17	
<i>For Each Additional Layer, Add</i>	1.29	
02 82 33 00-0109 SF >10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal..... <i>For Each Additional Layer, Add</i>	4.27 1.07	
<b>02 82 33 00-0110 Carpet, Asbestos Abatement And Disposal (02 82 33 00-0097)</b>		

**02 Existing Conditions****02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0111	SET		Up To 100 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	894.61	
02 82 33 00-0112	SF		>100 To 500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	5.35	
02 82 33 00-0113	SF		>500 To 2,500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	4.43	
02 82 33 00-0114	SF		>2,500 To 10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	3.37	
02 82 33 00-0115	SF		>10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	2.69	
<b>02 82 33 00-0116</b>			<b>Wall Or Cove Base, Asbestos Abatement And Disposal</b> (02 82 33 00-0097) Note: Up to 12".		
02 82 33 00-0117	SET		Up To 25 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	304.72	
02 82 33 00-0118	LF		>25 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	4.31	
02 82 33 00-0119	LF		>100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	2.72	
02 82 33 00-0120	LF		>500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	1.84	
02 82 33 00-0121	LF		>2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	1.40	
<b>02 82 33 00-0122</b>			<b>Mastic, Asbestos Abatement And Disposal</b> (02 82 33 00-0096) Note: Applies to single layer or bottom layer only of multiple layers. Non hydrocarbon with pine, citrus or no odor.		
02 82 33 00-0123	SET		Up To 100 SF, Mastic, Asbestos Abatement And Disposal..... Note: Applies to bottom layer only if multiple layers.	905.29	
02 82 33 00-0124	SF		>100 To 500 SF, Mastic, Asbestos Abatement And Disposal..... Note: Applies to bottom layer only if multiple layers.	2.39	
02 82 33 00-0125	SF		>500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal..... Note: Applies to bottom layer only if multiple layers.	1.80	
02 82 33 00-0126	SF		>2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal..... Note: Applies to bottom layer only if multiple layers.	1.43	
02 82 33 00-0127	SF		>10,000 SF, Mastic, Asbestos Abatement And Disposal..... Note: Applies to bottom layer only if multiple layers.	1.18	
<b>02 82 33 00-0128</b>			<b>Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal</b> (02 82 33 00-0096) Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.		
02 82 33 00-0129	SET		Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	958.65	
02 82 33 00-0130	SF		>100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	7.70	
02 82 33 00-0131	SF		>500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	5.82	
02 82 33 00-0132	SF		>2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	4.70	
02 82 33 00-0133	SF		>10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	3.82	
<b>02 82 33 00-0134</b>			<b>Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal</b> (02 82 33 00-0096)		
02 82 33 00-0135	SET		Up To 100 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	923.05	
02 82 33 00-0136	SF		>100 To 500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	8.28	
02 82 33 00-0137	SF		>500 To 2,500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	5.54	
02 82 33 00-0138	SF		>2,500 To 10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	4.43	
02 82 33 00-0139	SF		>10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	3.68	
<b>02 82 33 00-0140</b>			<b>Roofing, Asbestos Abatement And Disposal</b> (02 82 33)		
<b>02 82 33 00-0141</b>			<b>Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal</b> (02 82 33 00-0140) Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc.		
<b>02 82 33 00-0142</b>			<b>Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal</b> (02 82 33 00-0141)		
02 82 33 00-0143	SET		Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	976.44	
02 82 33 00-0144	SF		>125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	6.38	
02 82 33 00-0145	SF		>1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.25	
02 82 33 00-0146	SF		>5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.34	
02 82 33 00-0147	SF		>10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.43	
02 82 33 00-0148	SF		>20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	2.75	
<b>02 82 33 00-0149</b>			<b>&gt;2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal</b> (02 82 33 00-0141)		
02 82 33 00-0150	SET		Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,044.02	
02 82 33 00-0151	SF		>110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	7.88	
02 82 33 00-0152	SF		>1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	6.57	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0153 SF >5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.56	
02 82 33 00-0154 SF >10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.53	
02 82 33 00-0155 SF >20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal .....	3.74	
<b>02 82 33 00-0156 &gt;5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0141)</b>		
02 82 33 00-0157 SET Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal .....	1,122.28	
02 82 33 00-0158 SF >110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	9.30	
02 82 33 00-0159 SF >1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	7.85	
02 82 33 00-0160 SF >5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	6.73	
02 82 33 00-0161 SF >10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.58	
02 82 33 00-0162 SF >20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.71	
<b>02 82 33 00-0163 Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0140)</b>		
<b>02 82 33 00-0164 Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0163)</b>		
02 82 33 00-0165 SET Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal .....	909.72	
Note: Single or first of multiple layers.		
02 82 33 00-0166 SF >125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	5.85	
Note: Single or first of multiple layers.		
For Each Additional Layer, Add	1.46	
02 82 33 00-0167 SF >1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	4.72	
Note: Single or first of multiple layers.		
For Each Additional Layer, Add	1.18	
02 82 33 00-0168 SF >5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	3.81	
Note: Single or first of multiple layers.		
For Each Additional Layer, Add	0.95	
02 82 33 00-0169 SF >10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	2.90	
Note: Single or first of multiple layers.		
For Each Additional Layer, Add	0.73	
02 82 33 00-0170 SF >20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	2.22	
Note: Single or first of multiple layers.		
For Each Additional Layer, Add	0.56	
<b>02 82 33 00-0171 Roof Penetration Mastic, Asbestos Abatement And Disposal (02 82 33 00-0140)</b>		
02 82 33 00-0172 SET Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal .....	297.61	
02 82 33 00-0173 SF >10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	2.40	
02 82 33 00-0174 SF >50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	2.00	
02 82 33 00-0175 SF >100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	1.64	
02 82 33 00-0176 SF >250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	1.24	
<b>02 82 33 00-0177 Roof Curb Mastic, Asbestos Abatement And Disposal (02 82 33 00-0140)</b>		
02 82 33 00-0178 SET Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal .....	297.61	
02 82 33 00-0179 LF >10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	6.84	
02 82 33 00-0180 LF >20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	5.50	
02 82 33 00-0181 LF >50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	4.62	
02 82 33 00-0182 LF >150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	3.37	
<b>02 82 33 00-0183 Asbestos-Cement Products, Asbestos Abatement And Disposal (02 82 33)</b>		
<b>02 82 33 00-0184 Interior Asbestos-Cement Board, Asbestos Abatement And Disposal (02 82 33 00-0183)</b>		
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0185 SET Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal .....	923.05	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0186 SF >100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	6.41	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0187 SF >500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	3.39	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0188 SF >2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	2.78	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0189 SF >10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal .....	2.46	
Note: Includes detachment of mounted objects before removal.		
<b>02 82 33 00-0190 Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal (02 82 33 00-0183)</b>		
02 82 33 00-0191 SET Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal .....	923.05	
02 82 33 00-0192 SF >100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	5.61	
02 82 33 00-0193 SF >500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	3.05	
02 82 33 00-0194 SF >2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	2.51	
02 82 33 00-0195 SF >10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	2.23	

**02 Existing Conditions****02 80 Facility Remediation****02 82 Asbestos Remediation**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

02 82 33 00-0196	Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal <small>(02 82 33 00-0183)</small>		
02 82 33 00-0197	SET Up To 10 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal .....	782.27	
02 82 33 00-0198	LF >10 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal .....	34.52	
02 82 33 00-0199	LF >100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal .....	26.96	
02 82 33 00-0200	LF >250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal .....	21.29	
02 82 33 00-0201	LF >500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	17.03	
02 82 33 00-0202	LF >2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	13.85	
02 82 33 00-0203	LF >10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	13.62	
02 82 33 00-0204	Exterior Transite Siding, Asbestos Abatement And Disposal <small>(02 82 33 00-0183)</small>		
02 82 33 00-0205	SET Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal .....	947.79	
	Note: Single or first of multiple layers.		
02 82 33 00-0206	SF >125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal .....	5.09	
	Note: Single or first of multiple layers.		
02 82 33 00-0207	SF >1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal .....	4.14	
	Note: Single or first of multiple layers.		
02 82 33 00-0208	SF >5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal .....	3.39	
	Note: Single or first of multiple layers.		
02 82 33 00-0209	SF >10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal.....	2.63	
	Note: Single or first of multiple layers.		
02 82 33 00-0210	SF >20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal .....	2.07	
	Note: Single or first of multiple layers.		
02 82 33 00-0211	Asbestos Contaminated Debris, Asbestos Abatement And Disposal <small>(02 82 33)</small>		
02 82 33 00-0212	Asbestos Contaminated Debris, Asbestos Abatement And Disposal <small>(02 82 33 00-0211)</small>		
02 82 33 00-0213	SET Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....	634.35	
	For Work In Restricted Working Space, Add	177.50	
02 82 33 00-0214	CF >10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal.....	63.10	
	For Work In Restricted Working Space, Add	17.65	
02 82 33 00-0215	CF >100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal.....	43.49	
	For Work In Restricted Working Space, Add	11.77	
02 82 33 00-0216	CF >250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal.....	33.72	
	For Work In Restricted Working Space, Add	8.84	
02 82 33 00-0217	CF >500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal.....	27.80	
	For Work In Restricted Working Space, Add	7.06	
02 82 33 00-0218	CF >2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal.....	24.27	
	For Work In Restricted Working Space, Add	6.00	
02 82 33 00-0219	CF >10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal.....	22.27	
	For Work In Restricted Working Space, Add	5.40	
02 82 33 00-0220	Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal <small>(02 82 33 00-0211)</small>		
02 82 33 00-0221	SET Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	673.62	
02 82 33 00-0222	EA >4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....	73.44	
02 82 33 00-0223	EA >40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....	55.79	
02 82 33 00-0224	EA >60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....	47.00	
02 82 33 00-0225	EA >125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....	41.67	
02 82 33 00-0226	EA >625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....	38.49	
02 82 33 00-0227	EA >1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....	36.68	
02 82 33 00-0228	Other Asbestos Containing Materials, Asbestos Abatement And Disposal <small>(02 82 33)</small>		
02 82 33 00-0229	30" To 36" Fire Door, Asbestos Abatement And Disposal <small>(02 82 33 00-0228)</small>		
02 82 33 00-0230	SET Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal.....	315.04	
02 82 33 00-0231	EA >1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal .....	125.71	
02 82 33 00-0232	EA >20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal .....	115.06	
02 82 33 00-0233	HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal <small>(02 82 33 00-0228)</small>		
02 82 33 00-0234	SET Up To 10 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	296.72	
02 82 33 00-0235	LF >10 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	6.14	
02 82 33 00-0236	LF >50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	4.63	
02 82 33 00-0237	LF >100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	3.99	
02 82 33 00-0238	LF >250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	3.45	
02 82 33 00-0239	LF >1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	2.97	
02 82 33 00-0240	LF >2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	2.57	
02 82 33 00-0241	Grout, Asbestos Abatement And Disposal <small>(02 82 33 00-0228)</small>		
	Note: e.g. flue grout.		
02 82 33 00-0242	SET Up To 10 LF, Grout, Asbestos Abatement And Disposal .....	296.42	
02 82 33 00-0243	LF >10 To 50 LF, Grout, Asbestos Abatement And Disposal.....	11.70	
02 82 33 00-0244	LF >50 To 100 LF, Grout, Asbestos Abatement And Disposal.....	8.07	



<b>Existing Conditions</b>	<b>02</b>	<b>02</b>
Facility Remediation	02 80	
Asbestos Remediation	02 82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0245 LF >100 To 250 LF, Grout, Asbestos Abatement And Disposal .....	6.93	
02 82 33 00-0246 LF >250 To 1,000 LF, Grout, Asbestos Abatement And Disposal .....	5.96	
02 82 33 00-0247 LF >1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal .....	5.14	
02 82 33 00-0248 LF >2,500 LF, Grout, Asbestos Abatement And Disposal.....	4.41	
<b>02 82 33 00-0249 Gaskets, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0228)</small>		
Note: e.g. rope, web cloth, flat.		
02 82 33 00-0250 SET Up To 10 LF, Gaskets, Asbestos Abatement And Disposal.....	296.72	
02 82 33 00-0251 LF >10 To 50 LF, Gaskets, Asbestos Abatement And Disposal .....	15.78	
02 82 33 00-0252 LF >50 To 250 LF, Gaskets, Asbestos Abatement And Disposal .....	11.85	
02 82 33 00-0253 LF >250 To 500 LF, Gaskets, Asbestos Abatement And Disposal .....	10.12	
02 82 33 00-0254 LF >500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal .....	9.11	
02 82 33 00-0255 LF >1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal .....	8.19	
02 82 33 00-0256 LF >2,500 LF, Gaskets, Asbestos Abatement And Disposal .....	7.80	
<b>02 82 33 00-0257 Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0228)</small>		
Note: e.g. grid, spline, or glued on.		
02 82 33 00-0258 SET Up To 50 SF, Ceiling Tile, Asbestos Abatement And Disposal.....	609.44	
Note: Including Glue Removal		
02 82 33 00-0259 SF >50 To 1,000 SF, Ceiling Tile, Asbestos Abatement And Disposal .....	12.93	
Note: Including Glue Removal		
02 82 33 00-0260 SF >1,000 To 2,500 SF, Ceiling Tile, Asbestos Abatement And Disposal .....	6.41	
Note: Including Glue Removal		
02 82 33 00-0261 SF >2,500 To 10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal .....	4.45	
Note: Including Glue Removal		
02 82 33 00-0262 SF >10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal .....	3.84	
Note: Including Glue Removal		
<b>02 82 33 00-0263 Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0228)</small>		
Note: Includes ceiling tile, asbestos barrier paper, and furring strips.		
02 82 33 00-0264 SET Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	601.26	
02 82 33 00-0265 SF >50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	12.93	
02 82 33 00-0266 SF >1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal .....	6.41	
02 82 33 00-0267 SF >2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal .....	4.45	
02 82 33 00-0268 SF >10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	3.84	
<b>02 82 33 00-0269 Caulking, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0228)</small>		
<b>02 82 33 00-0270 Non Friable Caulking, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0269)</small>		
02 82 33 00-0271 SET Up To 10 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal .....	296.42	
02 82 33 00-0272 LF >10 To 50 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal .....	8.78	
02 82 33 00-0273 LF >50 To 100 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal .....	6.22	
02 82 33 00-0274 LF >100 To 250 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal .....	4.64	
02 82 33 00-0275 LF >250 To 1,000 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal .....	3.50	
02 82 33 00-0276 LF >1,000 To 2,500 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal .....	2.78	
02 82 33 00-0277 LF >2,500 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal .....	2.42	
<b>02 82 33 00-0278 Window Putty, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0228)</small>		
02 82 33 00-0279 SET Up To 10 LF, Window Putty, Asbestos Abatement And Disposal .....	296.42	
02 82 33 00-0280 LF >10 To 50 LF, Window Putty, Asbestos Abatement And Disposal .....	11.70	
02 82 33 00-0281 LF >50 To 100 LF, Window Putty, Asbestos Abatement And Disposal.....	8.07	
02 82 33 00-0282 LF >100 To 250 LF, Window Putty, Asbestos Abatement And Disposal.....	6.93	
02 82 33 00-0283 LF >250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal.....	5.96	
02 82 33 00-0284 LF >1,000 LF, Window Putty, Asbestos Abatement And Disposal.....	5.14	

**02 83 Lead Remediation** (02 80)

See CSI section 01 56 16 00-0031 for temporary stud walls, 01 74 19 00-0039 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting for containment construction, 02 89 00 00-0015 for decontamination chambers.

**02 83 19 Lead-Based Paint Remediation** (02 83)

**02 Existing Conditions****02 80 Facility Remediation****02 83 Lead Remediation**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**02 83 19 13 Lead-Based Paint Abatement** (02 83 19)

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 74 19 00-0039 for hauling in excess of 25 miles to transfer or disposal site.

**02 83 19 13-0001 Lead Sampling And Testing** (02 83 19 13)

Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Excludes sampling time.

02 83 19 13-0002	HR	Certified Lead Sampling Technician For Bulk Sampling Or Air Monitoring .....	80.68
02 83 19 13-0003	EA	X-Ray Fluorescence (XRF) Lead Testing .....	58.34
		Note: Including Technician, 3 Readings Per Surface And Lab Fee	
02 83 19 13-0004	EA	5 Day Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee .....	55.85
02 83 19 13-0005	EA	48 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee .....	84.62
02 83 19 13-0006	EA	24 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee .....	118.48
02 83 19 13-0007	EA	5 Day Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee .....	22.00
02 83 19 13-0008	EA	24 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee .....	33.85
02 83 19 13-0009	EA	8 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee .....	42.31
02 83 19 13-0010	EA	5 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee .....	55.85
02 83 19 13-0011	EA	3 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee .....	84.62
02 83 19 13-0012	EA	5 Day Turnaround Lead Wipe Samples And Lab Fee .....	9.31
02 83 19 13-0013	EA	24 Hour Turnaround Lead Wipe Samples And Lab Fee .....	12.69
02 83 19 13-0014	EA	8 Hour Turnaround Lead Wipe Samples And Lab Fee .....	18.62
02 83 19 13-0015	EA	5 Day Turnaround Lead Air Samples And Lab Fee .....	9.31
02 83 19 13-0016	EA	24 Hour Turnaround Lead Air Samples And Lab Fee .....	12.69
02 83 19 13-0017	EA	8 Hour Turnaround Lead Air Samples And Lab Fee .....	18.62
02 83 19 13-0018	EA	5 Day Turnaround Lead Water Test and Lab Fee .....	33.85
02 83 19 13-0019	EA	24 Hour Turnaround Lead Water Test and Lab Fee .....	50.78
02 83 19 13-0020	EA	8 Hour Turnaround Lead Water Test and Lab Fee .....	67.70
02 83 19 13-0021	EA	5 Day Turnaround Lead Paint Chip Test and Lab Fee .....	35.01
02 83 19 13-0022	EA	5 Day Turnaround Lead Soil Test and Lab Fee .....	70.01

**02 83 19 13-0023 Minimum Charge For Lead-Based Paint Remediation** (02 83 19 13)

02 83 19 13-0024	EA	Lead-Based Paint Remediation Minimum Show Up Charge .....	1,051.97
		Note: For projects where the total lead-based paint remediation charge is less than the minimum charge, use task "Minimum Charge For Lead-Based Paint Remediation" exclusively. Task "Minimum Charge For Lead-Based Paint Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.	

**02 83 19 13-0025 Chemical Stripping Of Lead Contaminated Material** (02 83 19 13)

Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not limited to, chromium, cadmium and mercury.

02 83 19 13-0026	SF	Balustrades, Chemical Stripping Of Lead Contaminated Material .....	30.82
		For 0.025" (25 mil) Application, Add	1.73
		For 0.03" (30 mil) Application, Add	2.71
02 83 19 13-0027	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material .....	45.76
		For 0.025" (25 mil) Application, Add	2.48
		For 0.03" (30 mil) Application, Add	3.83
02 83 19 13-0028	LF	Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material .....	13.22
		For 0.025" (25 mil) Application, Add	0.77
		For 0.03" (30 mil) Application, Add	1.23
		For 0.125" (125 mil) Application, Add	6.67
02 83 19 13-0029	LF	>6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material .....	27.06
		For 0.025" (25 mil) Application, Add	1.47
		For 0.03" (30 mil) Application, Add	2.27
		For 0.125" (125 mil) Application, Add	10.13
02 83 19 13-0030	SF	Cornice, Chemical Stripping Of Lead Contaminated Material .....	14.34
		For 0.025" (25 mil) Application, Add	0.91
		For 0.03" (30 mil) Application, Add	1.48
02 83 19 13-0031	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material .....	40.79
		For 0.025" (25 mil) Application, Add	2.23
		For 0.03" (30 mil) Application, Add	3.46
02 83 19 13-0032	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material .....	8.82
		For 0.025" (25 mil) Application, Add	0.59
		For 0.03" (30 mil) Application, Add	0.98
		For 0.125" (125 mil) Application, Add	6.71
02 83 19 13-0033	SF	Cabinets, Chemical Stripping Of Lead Contaminated Material .....	25.77
		For 0.025" (25 mil) Application, Add	1.44
		For 0.03" (30 mil) Application, Add	2.25
02 83 19 13-0034	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material .....	32.86
		For 0.025" (25 mil) Application, Add	1.79
		For 0.03" (30 mil) Application, Add	2.78
02 83 19 13-0035	SF	Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material .....	12.19
		For 0.025" (25 mil) Application, Add	0.76
		For 0.03" (30 mil) Application, Add	1.23



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0036	SF		Columns, Chemical Stripping Of Lead Contaminated Material .....	11.70	
			For 0.025" (25 mil) Application, Add	0.77	
			For 0.03" (30 mil) Application, Add	1.28	
			For 0.125" (125 mil) Application, Add	8.57	
02 83 19 13-0037	SF		Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material .....	10.31	
			For 0.025" (25 mil) Application, Add	0.67	
			For 0.03" (30 mil) Application, Add	1.09	
02 83 19 13-0038	SF		Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material .....	10.76	
			For 0.025" (25 mil) Application, Add	0.69	
			For 0.03" (30 mil) Application, Add	1.13	
02 83 19 13-0039	SF		Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated .....	18.72	
			For 0.025" (25 mil) Application, Add	1.12	
			For 0.03" (30 mil) Application, Add	1.80	
02 83 19 13-0040	EA		Electrical Devices, Chemical Stripping Of Lead Contaminated Material .....	53.63	
			For 0.025" (25 mil) Application, Add	2.98	
			For 0.03" (30 mil) Application, Add	4.66	
02 83 19 13-0041	LF		Door Frames, Chemical Stripping Of Lead Contaminated Material .....	13.26	
			For 0.025" (25 mil) Application, Add	0.81	
			For 0.03" (30 mil) Application, Add	1.31	
02 83 19 13-0042	SF		Wood Floors, Chemical Stripping Of Lead Contaminated Material .....	7.25	
			For 0.025" (25 mil) Application, Add	0.51	
			For 0.03" (30 mil) Application, Add	0.86	
02 83 19 13-0043	SF		HVAC Grilles, Chemical Stripping Of Lead Contaminated Material .....	27.55	
			For 0.025" (25 mil) Application, Add	1.53	
			For 0.03" (30 mil) Application, Add	2.39	
02 83 19 13-0044	SF		HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material .....	32.86	
			For 0.025" (25 mil) Application, Add	1.79	
			For 0.03" (30 mil) Application, Add	2.78	
02 83 19 13-0045	EA		Hinges, Chemical Stripping Of Lead Contaminated Material .....	17.19	
			For 0.025" (25 mil) Application, Add	1.09	
			For 0.03" (30 mil) Application, Add	1.77	
02 83 19 13-0046	EA		Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material .....	21.20	
			For 0.025" (25 mil) Application, Add	1.29	
			For 0.03" (30 mil) Application, Add	2.07	
			For 0.125" (125 mil) Application, Add	12.08	
02 83 19 13-0047	LF		Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material .....	5.89	
			For 0.025" (25 mil) Application, Add	0.41	
			For 0.03" (30 mil) Application, Add	0.68	
			For 0.125" (125 mil) Application, Add	4.83	
02 83 19 13-0048	LF		>2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material .....	9.49	
			For 0.025" (25 mil) Application, Add	0.59	
			For 0.03" (30 mil) Application, Add	0.95	
			For 0.125" (125 mil) Application, Add	5.73	
02 83 19 13-0049	LF		>4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material .....	17.00	
			For 0.025" (25 mil) Application, Add	1.04	
			For 0.03" (30 mil) Application, Add	1.67	
			For 0.125" (125 mil) Application, Add	9.89	
02 83 19 13-0050	LF		>8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material .....	23.31	
			For 0.025" (25 mil) Application, Add	1.39	
			For 0.03" (30 mil) Application, Add	2.23	
			For 0.125" (125 mil) Application, Add	12.61	
02 83 19 13-0051	LF		>12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material .....	41.83	
			For 0.025" (25 mil) Application, Add	2.43	
			For 0.03" (30 mil) Application, Add	3.86	
			For 0.125" (125 mil) Application, Add	20.60	
02 83 19 13-0052	SF		>16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area .....	12.51	
			For 0.025" (25 mil) Application, Add	0.71	
			For 0.03" (30 mil) Application, Add	1.11	
			For 0.125" (125 mil) Application, Add	5.53	
02 83 19 13-0053	EA		Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material .....	249.00	
			For 0.025" (25 mil) Application, Add	13.54	
			For 0.03" (30 mil) Application, Add	20.99	
02 83 19 13-0054	SF		Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material .....	17.25	
			For 0.025" (25 mil) Application, Add	1.29	
			For 0.03" (30 mil) Application, Add	2.19	
02 83 19 13-0055	SF		Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material .....	18.90	
			For 0.025" (25 mil) Application, Add	1.37	
			For 0.03" (30 mil) Application, Add	2.32	
02 83 19 13-0056	SF		Siding, Chemical Stripping Of Lead Contaminated Material .....	9.87	
			For 0.025" (25 mil) Application, Add	0.68	
			For 0.03" (30 mil) Application, Add	1.14	
			For 0.125" (125 mil) Application, Add	8.11	
02 83 19 13-0057	SF		Soffit, Chemical Stripping Of Lead Contaminated Material .....	20.82	
			For 0.025" (25 mil) Application, Add	1.19	
			For 0.03" (30 mil) Application, Add	1.88	
			For 0.125" (125 mil) Application, Add	9.71	
02 83 19 13-0058	SF		Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material .....	9.53	
			For 0.025" (25 mil) Application, Add	0.63	
			For 0.03" (30 mil) Application, Add	1.03	
			For 0.125" (125 mil) Application, Add	6.88	
02 83 19 13-0059	SF		Corrugated Steel, Chemical Stripping Of Lead Contaminated Material .....	10.83	
			For 0.025" (25 mil) Application, Add	0.69	
			For 0.03" (30 mil) Application, Add	1.13	
			For 0.125" (125 mil) Application, Add	7.21	

**02 Existing Conditions****02 80 Facility Remediation****02 83 Lead Remediation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0060	SF		Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material.....	10.80	
			For 0.025" (25 mil) Application, Add	0.69	
			For 0.03" (30 mil) Application, Add	1.13	
			For 0.125" (125 mil) Application, Add	7.20	
02 83 19 13-0061	SF		Steel Trusses, Chemical Stripping Of Lead Contaminated Material .....	15.35	
			For 0.025" (25 mil) Application, Add	0.92	
			For 0.03" (30 mil) Application, Add	1.47	
			For 0.125" (125 mil) Application, Add	8.34	
02 83 19 13-0062	SF		Wood Surfaces, Chemical Stripping Of Lead Contaminated Material.....	10.80	
			For 0.025" (25 mil) Application, Add	0.69	
			For 0.03" (30 mil) Application, Add	1.13	
			For 0.125" (125 mil) Application, Add	7.20	
02 83 19 13-0063	SF		Windows, One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material .....	25.01	
			For 0.025" (25 mil) Application, Add	1.40	
			For 0.03" (30 mil) Application, Add	2.19	
02 83 19 13-0064	SF		Windows, One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material .....	27.38	
			For 0.025" (25 mil) Application, Add	1.52	
			For 0.03" (30 mil) Application, Add	2.37	
02 83 19 13-0065	SF		Windows, One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material .....	28.98	
			For 0.025" (25 mil) Application, Add	1.60	
			For 0.03" (30 mil) Application, Add	2.49	
02 83 19 13-0066	SF		Windows, One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material .....	30.59	
			For 0.025" (25 mil) Application, Add	1.68	
			For 0.03" (30 mil) Application, Add	2.61	
02 83 19 13-0067	SF		Windows, One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material .....	32.20	
			For 0.025" (25 mil) Application, Add	1.76	
			For 0.03" (30 mil) Application, Add	2.73	
02 83 19 13-0068	SF		Windows, One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material .....	33.86	
			For 0.025" (25 mil) Application, Add	1.84	
			For 0.03" (30 mil) Application, Add	2.86	
02 83 19 13-0069	SF		Windows, One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material .....	35.42	
			For 0.025" (25 mil) Application, Add	1.92	
			For 0.03" (30 mil) Application, Add	2.98	
02 83 19 13-0070	SF		Windows, One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material .....	36.22	
			For 0.025" (25 mil) Application, Add	1.96	
			For 0.03" (30 mil) Application, Add	3.04	
02 83 19 13-0071	SF		Windows, One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material .....	37.05	
			For 0.025" (25 mil) Application, Add	2.00	
			For 0.03" (30 mil) Application, Add	3.10	
02 83 19 13-0072	SF		Windows, One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material .....	37.82	
			For 0.025" (25 mil) Application, Add	2.04	
			For 0.03" (30 mil) Application, Add	3.16	
02 83 19 13-0073	SF		Metal Stairs, Chemical Stripping Of Lead Contaminated Material .....	49.92	
			For 0.025" (25 mil) Application, Add	2.80	
			For 0.03" (30 mil) Application, Add	4.38	
			For 0.125" (125 mil) Application, Add	21.48	
02 83 19 13-0074	LF		Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material.....	8.63	
			For 0.025" (25 mil) Application, Add	0.54	
			For 0.03" (30 mil) Application, Add	0.89	
			For 0.125" (125 mil) Application, Add	5.52	
02 83 19 13-0075	SF		Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material .....	25.34	
			Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.		
			For 0.025" (25 mil) Application, Add	1.49	
			For 0.03" (30 mil) Application, Add	2.38	
			For 0.125" (125 mil) Application, Add	13.12	
02 83 19 13-0076	SF		Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material.....	27.74	
			For 0.025" (25 mil) Application, Add	1.58	
			For 0.03" (30 mil) Application, Add	2.48	
			For 0.125" (125 mil) Application, Add	12.58	
<b>02 83 19 13-0077</b>			<b>Demolish Lead Contaminated Material</b> <small>(02 83 19 13)</small>		
			Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.		
02 83 19 13-0078	SF		Demolish Ceiling Suspension System, Lead Contaminated Material.....	2.20	
02 83 19 13-0079	SF		Demolish Suspended Ceiling System And Tile, Lead Contaminated Material .....	1.28	
02 83 19 13-0080	SF		Demolish Acoustical Ceiling Tile, Lead Contaminated Material .....	0.82	
02 83 19 13-0081	SF		Demolish Metal Pan Grid System, Lead Contaminated Material .....	1.27	
02 83 19 13-0082	EA		Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material .....	61.43	
02 83 19 13-0083	EA		Demolish >2' x 4' Light Fixtures, Lead Contaminated Material .....	81.49	
02 83 19 13-0084	SF		Demolish Non Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material .....	9.10	
02 83 19 13-0085	SF		Demolish Non Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material .....	5.09	
02 83 19 13-0086	SF		Demolish Brick, Lead Contaminated Material.....	3.83	
02 83 19 13-0087	SF		Demolish Concrete Block, Lead Contaminated Material.....	4.94	
02 83 19 13-0088	SF		Demolish Tile, Lead Contaminated Material .....	3.73	
02 83 19 13-0089	SF		Demolish Up To 6" Concrete, Lead Contaminated Material .....	5.59	
02 83 19 13-0090	IN		Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth .....	4.35	
02 83 19 13-0091	IN		Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth.....	5.78	
02 83 19 13-0092	LF		Demolish Wood Balustrades And Railings, Lead Contaminated Material.....	6.37	
02 83 19 13-0093	LF		Demolish Up To 6" Wide Baseboard, Lead Contaminated Material.....	1.66	
02 83 19 13-0094	LF		Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material.....	2.08	
02 83 19 13-0095	LF		Demolish Base Shoe Molding, Lead Contaminated Material .....	1.35	
02 83 19 13-0096	SF		Demolish Concrete, Lead Contaminated Material .....	12.67	
02 83 19 13-0097	LF		Demolish Cabinets, Lead Contaminated Material.....	29.52	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0098 SF Demolish Ceilings, Gypsum Board, Lead Contaminated Material .....	1.67	
02 83 19 13-0099 SF Demolish Up To 12" Diameter Columns, Lead Contaminated Material .....	16.35	
02 83 19 13-0100 SF Demolish Cornice, Lead Contaminated Material.....	2.17	
02 83 19 13-0101 EA Demolish Doors, Lead Contaminated Material .....	64.03	
02 83 19 13-0102 LF Demolish Door And Window Trim Or Frames, Lead Contaminated Material .....	1.95	
02 83 19 13-0103 EA Demolish Electrical Devices, Lead Contaminated Material.....	19.65	
02 83 19 13-0104 LF Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material.....	2.52	
02 83 19 13-0105 LF Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material.....	4.19	
02 83 19 13-0106 SF Demolish Wood Floors, Lead Contaminated Material.....	3.02	
02 83 19 13-0107 SF Demolish Grilles, Lead Contaminated Material.....	3.56	
02 83 19 13-0108 EA Demolish Hinges, Lead Contaminated Material.....	7.14	
02 83 19 13-0109 EA Demolish Up To 6" Diameter Hangers, Lead Contaminated Material.....	15.35	
02 83 19 13-0110 LF Demolish Up To 2" Diameter Pipes, Lead Contaminated Material.....	6.29	
02 83 19 13-0111 LF Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material.....	9.18	
02 83 19 13-0112 LF Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material.....	13.88	
02 83 19 13-0113 LF Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material.....	25.59	
02 83 19 13-0114 EA Demolish Radiators, Lead Contaminated Material.....	110.52	
02 83 19 13-0115 EA Demolish Shutters, Lead Contaminated Material.....	43.07	
02 83 19 13-0116 SF Demolish Siding, Lead Contaminated Material .....	1.71	
02 83 19 13-0117 SF Demolish Soffit, Lead Contaminated Material.....	1.45	
02 83 19 13-0118 SF Demolish Flat Steel Surfaces, Lead Contaminated Material.....	3.98	
02 83 19 13-0119 SF Demolish Steel Beams, Lead Contaminated Material.....	4.69	
02 83 19 13-0120 SF Demolish Trusses, Lead Contaminated Material .....	6.15	
02 83 19 13-0121 SF Demolish Walls, Wood, Lead Contaminated Material.....	4.54	
02 83 19 13-0122 SF Demolish Windows, Lead Contaminated Material .....	15.29	
02 83 19 13-0123 SF Demolish Metal Stair, Lead Contaminated Material.....	7.32	
02 83 19 13-0124 LF Demolish Single Metal Hand Rail, Lead Contaminated Material.....	5.38	
02 83 19 13-0125 LF Demolish Metal Railing And Posts, Lead Contaminated Material.....	8.78	
02 83 19 13-0126 SF Demolish Metal Picket Fence, Lead Contaminated Material.....	2.42	
02 83 19 13-0127 SF Demolish Plywood, Lead Contaminated Material .....	6.61	
02 83 19 13-0128 SF Demolish Planks (Various Sizes), Lead Contaminated Material .....	3.23	
02 83 19 13-0129 EA Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material.....	20.17	
02 83 19 13-0130 SF Demolish Ceramic Tile Block, Lead Contaminated Material.....	4.40	
02 83 19 13-0131 LF Demolish Metal Guard Rails, Lead Contaminated Material .....	12.11	
02 83 19 13-0132 SF Demolish Up To 100 SF Gypsum Wall Board, Lead Contaminated Material.....	6.45	
02 83 19 13-0133 SF Demolish >100 To 500 SF Gypsum Wall Board, Lead Contaminated Material .....	4.64	
02 83 19 13-0134 SF Demolish >500 To 2,500 SF Gypsum Wall Board, Lead Contaminated Material .....	3.63	
02 83 19 13-0135 SF Demolish >2,500 SF Gypsum Wall Board, Lead Contaminated Material.....	2.83	
02 83 19 13-0136 SF Demolish Up To 100 SF Plaster/Stucco, Lead Contaminated Material.....	20.17	
02 83 19 13-0137 SF Demolish >100 To 500 SF Plaster/Stucco, Lead Contaminated Material .....	14.34	
02 83 19 13-0138 SF Demolish >500 To 2,500 SF Plaster/Stucco, Lead Contaminated Material .....	10.76	
02 83 19 13-0139 SF Demolish >2,500 To 10,000 SF Plaster/Stucco, Lead Contaminated Material .....	8.07	
<b>02 83 19 13-0140 Wet Sanding Of Lead Contaminated Material (02 83 19 13)</b>		
02 83 19 13-0141 SF Wet Sand/Scrape Of Lead Contaminated Material For Prep Before New Paint .....	1.75	
<b>02 83 19 13-0142 Lead Abatement Encapsulation (02 83 19 13)</b>		
Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.		
02 83 19 13-0143 SF Balustrades, Lead Abatement Encapsulation .....	5.54	
02 83 19 13-0144 LF Up To 6" Wide, Baseboard, Lead Abatement Encapsulation.....	6.42	
02 83 19 13-0145 LF >6" To 12" Wide, Baseboard, Lead Abatement Encapsulation.....	8.64	
02 83 19 13-0146 SF Brick, Concrete Block, Concrete, Lead Abatement Encapsulation .....	3.55	
02 83 19 13-0147 SF Ornate Cabinets, Lead Abatement Encapsulation .....	8.03	
02 83 19 13-0148 SF Simple Design Cabinets, Lead Abatement Encapsulation.....	6.53	
02 83 19 13-0149 SF Drywall Ceilings, Lead Abatement Encapsulation.....	2.21	
02 83 19 13-0150 SF Wood Ceilings, Lead Abatement Encapsulation.....	2.70	
02 83 19 13-0151 SF Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation .....	2.50	
02 83 19 13-0152 SF Columns, Lead Abatement Encapsulation.....	4.30	
02 83 19 13-0153 SF Doors, Lead Abatement Encapsulation .....	9.44	
02 83 19 13-0154 LF Up To 2" Electrical Conduit, Lead Abatement Encapsulation .....	3.63	
02 83 19 13-0155 SF Picket Fence (Brush), Lead Abatement Encapsulation.....	2.55	
02 83 19 13-0156 SF Wood Floors (Roller), Lead Abatement Encapsulation .....	2.13	
02 83 19 13-0157 SF Grilles, Vents, Lead Abatement Encapsulation.....	5.98	
02 83 19 13-0158 LF Gutters And Downspouts, Lead Abatement Encapsulation .....	5.54	
02 83 19 13-0159 EA Hangers, Lead Abatement Encapsulation .....	47.41	
02 83 19 13-0160 LF Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation.....	3.36	
02 83 19 13-0161 LF >4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation .....	4.82	
02 83 19 13-0162 LF >8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation .....	7.46	
02 83 19 13-0163 LF >12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation.....	11.02	
02 83 19 13-0164 EA Radiators, Lead Abatement Encapsulation.....	202.26	
02 83 19 13-0165 EA Up To 6' Shutters, Lead Abatement Encapsulation .....	174.79	
02 83 19 13-0166 SF Siding, Lead Abatement Encapsulation .....	3.05	
02 83 19 13-0167 SF Up To 12" Soffit, Lead Abatement Encapsulation .....	4.30	
02 83 19 13-0168 SF Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation .....	3.55	
02 83 19 13-0169 SF Steel Beams And Metal Decks, Lead Abatement Encapsulation.....	4.65	
02 83 19 13-0170 SF Trusses, Lead Abatement Encapsulation .....	4.65	
02 83 19 13-0171 SF Drywall Walls, Lead Abatement Encapsulation.....	1.97	
02 83 19 13-0172 SF Wood Walls, Lead Abatement Encapsulation.....	2.42	

**02 Existing Conditions****02 80 Facility Remediation****02 83 Lead Remediation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0173 EA Window Without Grille, Lead Abatement Encapsulation.....	174.99	
02 83 19 13-0174 EA Window With Grille, Lead Abatement Encapsulation.....	205.62	
02 83 19 13-0175 LF Frames And Trim, Lead Abatement Encapsulation.....	3.18	
02 83 19 13-0176 LF Steel Lintels, Lead Abatement Encapsulation.....	3.64	
<b>02 83 33 Removal and Disposal of Material Containing Lead (02 83)</b>		
<b>02 83 33 13 Lead-Based Paint Removal and Disposal (02 83 33)</b>		
<b>02 83 33 13-0001 Remove Loose Dirt And Debris Containing Lead (02 83 33 13)</b>		
02 83 33 13-0002 SF High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Mild Detergent.....	0.26	
02 83 33 13-0003 SF High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Tri-Sodium Phosphate.....	0.26	
02 83 33 13-0004 SF High Efficiency Particulate Air (HEPA) Vacuum And Shampoo Cleaning Of Lead Contaminated Carpeting.....	1.27	
<b>02 84 Polychlorinated Biphenyl Remediation (02 80)</b>		
<b>02 84 16 Handling of Lighting Ballasts and Lamps Containing PBCs and Mercury (02 84)</b>		
<b>02 84 16 00-0001 Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures (02 84 16)</b>		
Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.		
02 84 16 00-0002 EA Removal Of TSCA-Exempt Polychlorinated Biphenyl (PCB) And Non-PCB Ballast From A Demolished Fixture For Recycling.....	10.96	
<b>02 84 16 00-0003 Recycle TSCA-Exempt PCB And Non-PCB Ballasts (02 84 16)</b>		
Note: Non leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.		
02 84 16 00-0004 EA Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures.....	1.41	
02 84 16 00-0005 EA Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures.....	2.12	
02 84 16 00-0006 EA Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures.....	6.59	
02 84 16 00-0007 EA Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures.....	15.06	
<b>02 84 16 00-0008 Disposal Of Leaking PCB And Non-PCB Ballasts (02 84 16)</b>		
Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.		
02 84 16 00-0009 EA Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures.....	3.53	
02 84 16 00-0010 EA Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures.....	5.29	
02 84 16 00-0011 EA Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures.....	9.88	
02 84 16 00-0012 EA Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures.....	22.58	
<b>02 84 33 Removal and Disposal of Polychlorinated Biphenyls (02 84)</b>		
<b>02 84 33 00-0001 Removal And Disposal Of Polychlorinated Biphenyls Oil Filled Transformers (02 84 33)</b>		
Note: Includes disposal in approved container, rigging, manifesting, hauling, etc.		
02 84 33 00-0002 EA Removal And Disposal Of Transformers 2.5/3.5 KVA, Non Polychlorinated Biphenyl (PCB).....	2,385.10	
Note: Includes disposal costs.		
02 84 33 00-0003 EA Removal And Disposal Of Transformers 20 KVA, Non Polychlorinated Biphenyl (PCB).....	3,691.08	
Note: Includes disposal costs.		
02 84 33 00-0004 EA Removal And Disposal Of Switch, Non Polychlorinated Biphenyl (PCB).....	1,155.86	
02 84 33 00-0005 EA Removal And Disposal Of Transformers 2.5/3.5 KVA, Polychlorinated Biphenyl (PCB).....	4,301.31	
Note: Includes disposal costs.		
02 84 33 00-0006 EA Removal And Disposal Of Switch, Polychlorinated Biphenyl (PCB).....	1,950.97	
02 84 33 00-0007 EA Removal And Disposal Of Transformers 20 KVA, Polychlorinated Biphenyl (PCB).....	6,694.44	
Note: Includes disposal costs.		
<b>02 87 Bio-Hazard Material Remediation (02 80)</b>		
<b>02 87 13 Mold Remediation (02 87)</b>		
Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which tasks apply. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 100 LF or SF (Up to 25 LF for Mold Abatement pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0031 for temporary stud walls, 01 74 19 00-0039 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting for containment construction, 02 89 00 00-0015 for decontamination chambers.		
<b>02 87 13 33 Removal and Disposal of Materials with Mold (02 87 13)</b>		
<b>02 87 13 33-0001 Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal (02 87 13 33)</b>		
Note: Treat fittings as additional lf of insulation.		



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-002	Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0001)	Note: Diameter is outer size of insulation.		
02 87 13 33-003	Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0002)	Note: Excludes encased fittings.		
02 87 13 33-0004	SET Up To 20 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal		613.00	
02 87 13 33-0005	LF >20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal		23.95	
02 87 13 33-0006	LF >250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal		18.22	
02 87 13 33-0007	LF >500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal		13.94	
02 87 13 33-0008	LF >2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal		10.72	
02 87 13 33-0009	LF >10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal		9.47	
02 87 13 33-0010	>6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0002)			
02 87 13 33-0011	SET Up To 20 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal		677.04	
02 87 13 33-0012	LF >20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal		30.58	
02 87 13 33-0013	LF >250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal		24.00	
02 87 13 33-0014	LF >500 To 2,500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal		19.07	
02 87 13 33-0015	LF >2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal		15.37	
02 87 13 33-0016	LF >10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal		13.92	
02 87 13 33-0017	Thermal Insulation, Mold Abatement And Disposal (02 87 13 33)			
02 87 13 33-0018	Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal (02 87 13 33-0017)			
02 87 13 33-0019	SET Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal		645.02	
02 87 13 33-0020	SF >50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal		14.22	
02 87 13 33-0021	SF >500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal		10.93	
02 87 13 33-0022	SF >2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal		8.46	
02 87 13 33-0023	SF >10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal		6.73	
02 87 13 33-0024	Surfacing Material, Mold Abatement And Disposal (02 87 13 33)	Note: e.g. fireproofing, acoustical plaster, etc.		
02 87 13 33-0025	Stucco, Mold Abatement And Disposal (02 87 13 33-0024)	Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0026	SET Up To 50 SF, Stucco, Mold Abatement And Disposal		627.24	
02 87 13 33-0027	SF >50 To 500 SF, Stucco, Mold Abatement And Disposal		13.86	
02 87 13 33-0028	SF >500 To 2,500 SF, Stucco, Mold Abatement And Disposal		10.57	
02 87 13 33-0029	SF >2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal		8.10	
02 87 13 33-0030	SF >10,000 SF, Stucco, Mold Abatement And Disposal		6.27	
02 87 13 33-0031	Acoustical Plaster, Mold Abatement And Disposal (02 87 13 33-0024)	Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0032	SET Up To 50 SF, Acoustical Plaster, Mold Abatement And Disposal		627.24	
02 87 13 33-0033	SF >50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal		13.86	
02 87 13 33-0034	SF >500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal		10.57	
02 87 13 33-0035	SF >2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal		8.10	
02 87 13 33-0036	SF >10,000 SF, Acoustical Plaster, Mold Abatement And Disposal		6.27	
02 87 13 33-0037	Gypsum Board, Mold Abatement And Disposal (02 87 13 33-0024)			
02 87 13 33-0038	SET Up To 100 SF, Gypsum Board, Mold Abatement And Disposal		662.82	
02 87 13 33-0039	SF >100 To 500 SF, Gypsum Board, Mold Abatement And Disposal		4.96	
02 87 13 33-0040	SF >500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal		4.03	
02 87 13 33-0041	SF >2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal		3.30	
02 87 13 33-0042	SF >10,000 SF, Gypsum Board, Mold Abatement And Disposal		2.56	
02 87 13 33-0043	Fireproofing, Mold Abatement And Disposal (02 87 13 33-0024)	Note: Exposed surface area, includes associated overspray.		
02 87 13 33-0044	SET Up To 50 SF, Fireproofing, Mold Abatement And Disposal		645.02	
02 87 13 33-0045	SF >50 To 500 SF, Fireproofing, Mold Abatement And Disposal		19.19	
02 87 13 33-0046	SF >500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal		14.68	
02 87 13 33-0047	SF >2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal		11.27	
02 87 13 33-0048	SF >10,000 SF, Fireproofing, Mold Abatement And Disposal		8.72	
02 87 13 33-0049	Flooring, Mold Abatement And Disposal (02 87 13 33)	Note: Includes cove base.		
02 87 13 33-0050	Floor Tile Or Linoleum, Mold Abatement And Disposal (02 87 13 33-0049)			
02 87 13 33-0051	Floor Tile Or Linoleum, Mold Abatement And Disposal (02 87 13 33-0050)	Note: Single layer or first of multiple layers.		
02 87 13 33-0052	SET Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal		662.82	
02 87 13 33-0053	SF >100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal		4.94	
	For Each Additional Layer, Add			1.24

**02 Existing Conditions****02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0054 SF >500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....	2.98	
For Each Additional Layer, Add	0.75	
02 87 13 33-0055 SF >2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....	1.95	
For Each Additional Layer, Add	0.49	
02 87 13 33-0056 SF >10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....	1.62	
For Each Additional Layer, Add	0.41	
<b>02 87 13 33-0057 Carpet, Mold Abatement And Disposal (02 87 13 33-0049)</b>		
<b>02 87 13 33-0058 Carpet, Glue Down, Mold Abatement And Disposal (02 87 13 33-0057)</b>		
02 87 13 33-0059 SET Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal.....	662.82	
02 87 13 33-0060 SF >100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal.....	4.19	
02 87 13 33-0061 SF >500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal.....	2.82	
02 87 13 33-0062 SF >2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal.....	2.05	
02 87 13 33-0063 SF >10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal.....	1.69	
<b>02 87 13 33-0064 Carpet, Padded With Tack Strips, Mold Abatement And Disposal (02 87 13 33-0057)</b>		
02 87 13 33-0065 SET Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal.....	662.82	
Note: Includes tack strips.		
02 87 13 33-0066 SF >100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal.....	4.66	
Note: Includes tack strips.		
02 87 13 33-0067 SF >500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal.....	3.53	
Note: Includes tack strips.		
02 87 13 33-0068 SF >2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal.....	2.90	
Note: Includes tack strips.		
02 87 13 33-0069 SF >10,000 SF, Carpet And Pad, Mold Abatement And Disposal.....	2.35	
Note: Includes tack strips.		
<b>02 87 13 33-0070 Subflooring, Mold Abatement And Disposal (02 87 13 33-0049)</b>		
02 87 13 33-0071 SET Up To 75 SF, Subflooring, Mold Abatement And Disposal.....	645.02	
02 87 13 33-0072 SF >75 To 500 SF, Subflooring, Mold Abatement And Disposal.....	5.61	
02 87 13 33-0073 SF >500 To 2,500 SF, Subflooring, Mold Abatement And Disposal.....	3.77	
02 87 13 33-0074 SF >2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal.....	2.48	
02 87 13 33-0075 SF >10,000 SF, Subflooring, Mold Abatement And Disposal.....	1.77	
<b>02 87 13 33-0076 Siding, Mold Abatement And Disposal (02 87 13 33)</b>		
<b>02 87 13 33-0077 Interior Paneling, Mold Abatement And Disposal (02 87 13 33-0076)</b>		
Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0078 SET Up To 100 SF, Interior Paneling, Mold Abatement And Disposal.....	662.82	
Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0079 SF >100 To 500 SF, Interior Paneling, Mold Abatement And Disposal.....	4.92	
Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0080 SF >500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal.....	3.61	
Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0081 SF >2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal.....	2.32	
Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0082 SF >10,000 SF, Interior Paneling, Mold Abatement And Disposal.....	1.89	
Note: Includes detachment of mounted objects before removal.		
<b>02 87 13 33-0083 Exterior Siding, Mold Abatement And Disposal (02 87 13 33-0076)</b>		
02 87 13 33-0084 SET Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal.....	662.82	
02 87 13 33-0085 SF >100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal.....	5.99	
02 87 13 33-0086 SF >500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal.....	4.32	
02 87 13 33-0087 SF >2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal.....	3.07	
02 87 13 33-0088 SF >10,000 SF, Exterior Siding Board, Mold Abatement And Disposal.....	2.82	
<b>02 87 13 33-0089 Contaminated Debris, Mold Abatement And Disposal (02 87 13 33)</b>		
<b>02 87 13 33-0090 Contaminated Debris, Mold Abatement And Disposal (02 87 13 33-0089)</b>		
02 87 13 33-0091 SET Up To 20 CF, Contaminated Debris, Mold Abatement And Disposal.....	677.04	
02 87 13 33-0092 CF >20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal.....	24.74	
02 87 13 33-0093 CF >100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal.....	17.91	
02 87 13 33-0094 CF >250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal.....	14.50	
02 87 13 33-0095 CF >500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal.....	12.46	
02 87 13 33-0096 CF >2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal.....	8.74	
02 87 13 33-0097 CF >10,000 CF, Contaminated Debris, Mold Abatement And Disposal.....	8.28	
<b>02 87 13 33-0098 Other Mold Containing Materials, Mold Abatement And Disposal (02 87 13 33)</b>		
<b>02 87 13 33-0099 Wood Studs, Mold Abatement And Disposal (02 87 13 33-0098)</b>		
Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.		
02 87 13 33-0100 SET Up To 100 LF, Wood Studs, Mold Abatement And Disposal.....	331.39	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0101 LF >100 To 500 LF, Wood Studs, Mold Abatement And Disposal.....	2.74	
02 87 13 33-0102 LF >500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal.....	2.11	
02 87 13 33-0103 LF >2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal.....	1.69	
02 87 13 33-0104 LF >10,000 LF, Wood Studs, Mold Abatement And Disposal.....	1.35	
<b>02 87 13 33-0105 Ceiling Tile, Mold Abatement And Disposal</b> (02 87 13 33-0098)		
Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
02 87 13 33-0106 SET Up To 100 SF, Ceiling Tile, Mold Abatement And Disposal.....	662.82	
02 87 13 33-0107 SF >100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	8.10	
02 87 13 33-0108 SF >1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal.....	4.08	
02 87 13 33-0109 SF >2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	3.07	
02 87 13 33-0110 SF >10,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	2.82	
<b>02 87 13 33-0111 Caulking, Mold Abatement And Disposal</b> (02 87 13 33-0098)		
02 87 13 33-0112 SET Up To 20 LF, Caulking, Mold Abatement And Disposal.....	149.10	
02 87 13 33-0113 LF >20 To 50 LF, Caulking, Mold Abatement And Disposal.....	3.02	
02 87 13 33-0114 LF >50 To 100 LF, Caulking, Mold Abatement And Disposal.....	2.17	
02 87 13 33-0115 LF >100 To 250 LF, Caulking, Mold Abatement And Disposal.....	1.66	
02 87 13 33-0116 LF >250 To 1,000 LF, Caulking, Mold Abatement And Disposal.....	1.24	
02 87 13 33-0117 LF >1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal.....	1.01	
02 87 13 33-0118 LF >2,500 LF, Caulking, Mold Abatement And Disposal.....	0.88	
<b>02 87 13 33-0119 Wipe Down Walls, Ceilings And Floors</b> (02 87 13 33-0098)		
02 87 13 33-0120 CSF Wipe Down Floors With Mild Bleach Solution.....	16.45	
For >25 To 50, Deduct	-1.64	
For >50 To 200, Deduct	-4.11	
For >200, Deduct	-6.57	
02 87 13 33-0121 CSF Wipe Down Walls With Mild Bleach Solution.....	19.35	
For >25 To 50, Deduct	-1.93	
For >50 To 200, Deduct	-4.83	
For >200, Deduct	-7.73	
02 87 13 33-0122 CSF Wipe Down Ceilings With Mild Bleach Solution.....	22.02	
For >25 To 50, Deduct	-2.20	
For >50 To 200, Deduct	-5.50	
For >200, Deduct	-8.80	
02 87 13 33-0123 CSF Wipe Down Countertops With Mild Bleach Solution.....	17.95	
For >25 To 50, Deduct	-1.79	
02 87 13 33-0124 CSF Wipe Down Other Surfaces With Mild Bleach Solution.....	22.77	
For >25 To 50, Deduct	-2.28	
For >50 To 200, Deduct	-5.69	
For >200, Deduct	-9.10	
<b>02 87 13 33-0125 Cabinets</b> (02 87 13 33-0098)		
02 87 13 33-0126 SET Up To 10 LF, Base Cabinet, Mold Abatement And Disposal.....	822.50	
02 87 13 33-0127 LF >10 To 20 LF, Base Cabinet, Mold Abatement And Disposal.....	85.78	
02 87 13 33-0128 LF >20 LF, Base Cabinet, Mold Abatement And Disposal.....	68.09	
02 87 13 33-0129 SET Up To 10 LF, Wall Cabinet, Mold Abatement And Disposal.....	694.43	
02 87 13 33-0130 LF >10 To 20 LF, Wall Cabinet, Mold Abatement And Disposal.....	65.91	
02 87 13 33-0131 LF >20 LF, Wall Cabinet, Mold Abatement And Disposal.....	48.20	
<b>02 87 16 Excrement Removal</b> (02 87)		
Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, disposal, personnel health monitoring, documentation and other associated costs necessary for the complete removal and disposal of the contaminated material in accordance with EPA and local regulations. The quantity of the entire project, not a particular work area, is to be used in determining which tasks apply. There is a task with a unit of measure of EA for a quantity of less than 10 SF, followed by a series of tasks for additional quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus each additional task in sequence to arrive at the total quantity for the entire project, not a particular work area.		
<b>02 87 16 13 Bird Excrement Removal</b> (02 87 16)		
<b>02 87 16 13-0001 Bird Waste Removal</b> (02 87 16 13)		
Note: In addition to items listed the Bio-Hazard Material Remediation note above, includes wetting agents and disinfection of contaminated surfaces.		
02 87 16 13-0002 EA Up To 10 SF Bird Waste Removal, Up To 3" Thickness.....	591.66	
For Work In Restricted Working Space, Add	177.50	
02 87 16 13-0003 SF >10 To 500 SF Bird Waste Removal, Up To 3" Thickness.....	9.86	
For Work In Restricted Working Space, Add	2.96	
02 87 16 13-0004 SF >500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness.....	8.97	
For Work In Restricted Working Space, Add	2.69	
02 87 16 13-0005 SF >2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness.....	8.15	
For Work In Restricted Working Space, Add	2.45	
02 87 16 13-0006 SF >10,000 SF Bird Waste Removal, Up To 3" Thickness.....	7.41	
For Work In Restricted Working Space, Add	2.22	
<b>02 87 19 Bio-Hazard and Infectious Disease Control Remediation</b> (02 87)		

**02 Existing Conditions****02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

02 87 19 00-0001	<b>Temporary Barriers</b> <small>(02 87 19)</small>		
02 87 19 00-0002	<b>Adjustable Barrier Panel System For Bio-Hazard And Infectious Disease Control</b> <small>(02 87 19 00-0001)</small>		
	Note: Panels are opal or transparent. Includes self leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.		
02 87 19 00-0003	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000).....	837.09
02 87 19 00-0004	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001).....	794.84
02 87 19 00-0005	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002).....	625.85
02 87 19 00-0006	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1).....	724.43
02 87 19 00-0007	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005).....	383.34
02 87 19 00-0008	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006).....	411.51
02 87 19 00-0009	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010).....	1,280.71
	Note: Includes a hydraulic closer and a lever style lockset standard.		
02 87 19 00-0010	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003).....	1,421.54
	Note: Includes a hydraulic closer and a lever style lockset standard.		
02 87 19 00-0011	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008).....	1,703.20
	Note: Includes a hydraulic closer and a lever style lockset standard.		
02 87 19 00-0012	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004).....	283.33
02 87 19 00-0013	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007).....	234.03
02 87 19 00-0014	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009).....	234.03
02 87 19 00-0015	EA	Closure Strips (Edge Guard 3003).....	16.28
	Note: To seal panels to existing walls		
02 87 19 00-0016	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005).....	392.98
02 87 19 00-0017	<b>Temporary Sheeting For Bio-Hazard And Infectious Disease Control</b> <small>(02 87 19 00-0001)</small>		
	Note: Includes removal and disposal in approved landfill after use.		
02 87 19 00-0018	SF	6 Mil Plastic Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control.....	0.55
02 87 19 00-0019	SF	6 Mil Plastic Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control.....	0.73
02 87 19 00-0020	SF	6 Mil Plastic Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control.....	0.99
02 87 19 00-0021	SF	6 Mil Plastic Fire Retardant, Anti Static Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control.....	0.64
02 87 19 00-0022	SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control.....	0.82
02 87 19 00-0023	SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control.....	1.08
02 87 19 00-0024	<b>Temporary Floor Protection For Bio-Hazard And Infectious Disease Control</b> <small>(02 87 19 00-0001)</small>		
	Note: Includes removal after use.		
02 87 19 00-0025	SF	Masonite Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....	2.08
02 87 19 00-0026	SF	1/2" Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....	2.09
02 87 19 00-0027	SF	3/4" Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....	2.76
02 87 19 00-0028	<b>Temporary Stud Wall For Bio-Hazard And Infectious Disease Control</b> <small>(02 87 19 00-0001)</small>		
	Note: Includes removal after use.		
02 87 19 00-0029	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	6.11
02 87 19 00-0030	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	8.39
02 87 19 00-0031	SF	5/8" Type Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	6.23
02 87 19 00-0032	SF	5/8" Type Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	8.62
02 87 19 00-0033	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	3.61
02 87 19 00-0034	<b>Isolation Barriers For Bio-Hazard And Infectious Disease Control</b> <small>(02 87 19 00-0001)</small>		
02 87 19 00-0035	GSF	Tent Construction Utilizing Two Layers Of 6 Mil Fire Rated Plastic Sheeting For Bio-Hazard And Infectious Disease Control.....	23.73
	Note: Includes support frame of 2x4s or PVC piping (ground SF) up to 6' to construct stand-alone tents (floor, walls and ceiling) with airlock.		
02 87 19 00-0036	GSF	Relocate Tent Construction To Different Area.....	2.85
02 87 19 00-0037	<b>Plexiglass Barriers For Bio-Hazard And Infectious Disease Control</b> <small>(02 87 19 00-0001)</small>		
02 87 19 00-0038	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control.....	21.11
02 87 19 00-0039	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control.....	24.93
02 87 19 00-0040	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control.....	35.10
02 87 19 00-0041	PR	Install Pair Of 8" Diameter Glove Iris Port In Barrier For Bio-Hazard And Infectious Disease Control.....	1,214.80
	Note: Excludes gloves.		
02 87 19 00-0042	PR	Pair Of 8" Diameter Economy Sleeved Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control.....	434.92
	Note: For installation in glove iris port.		
02 87 19 00-0043	PR	Pair Of 8" Diameter Bellows Type Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control.....	689.51
	Note: For installation in glove iris port.		



<b>Existing Conditions</b>	<b>02</b>
<b>Facility Remediation</b>	<b>02 80</b>
<b>Bio-Hazard Material Remediation</b>	<b>02 87</b>

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0044 EA 5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru In Barrier For Bio-Hazard And Infectious Disease ..... Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	132.81	
<b>02 87 19 00-0045 Temporary Portable And Mobile Trailers (02 87 19)</b>		
<b>02 87 19 00-0046 Trailer Delivery (02 87 19 00-0045)</b>		
02 87 19 00-0047 EA Deliver Trailer Within 25 Miles.....	1,062.22	
<b>02 87 19 00-0048 Portable And Mobile Trailers, Purchase (02 87 19 00-0045)</b>		
Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, & phone jacks. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.		
02 87 19 00-0049 EA 8' x 24' Mobile Trailer With Toilet, Purchase..... For Tie-Downs, Add	10,514.95 104.28	
02 87 19 00-0050 EA 8' x 32' Mobile Trailer With Toilet, Purchase..... For Tie-Downs, Add	14,851.73 104.28	
02 87 19 00-0051 EA 10' x 36' Mobile Trailer With Toilet, Purchase..... For Tie-Downs, Add	21,184.15 104.28	
02 87 19 00-0052 EA 10' x 44' Mobile Trailer With Toilet, Purchase..... For Tie-Downs, Add	26,465.42 104.28	
02 87 19 00-0053 EA 10' x 50' Mobile Trailer With Toilet, Purchase..... For Tie-Downs, Add	30,086.66 104.28	
02 87 19 00-0054 EA 12' x 50' Mobile Trailer With Toilet, Purchase..... For Tie-Downs, Add	31,634.28 104.28	
02 87 19 00-0055 EA 12' x 60' Mobile Trailer With Toilet, Purchase..... For Tie-Downs, Add	35,199.10 104.28	
<b>02 87 19 00-0056 Accessories For Portable And Mobile Trailers (02 87 19 00-0045)</b>		
<b>02 87 19 00-0057 Skirting (02 87 19 00-0056)</b>		
Note: Includes 2" x 4" wood framing 16" on center.		
02 87 19 00-0058 SF 1'-8" High Vinyl Covered Skirt.....	4.84	2.00
02 87 19 00-0059 SF 3' High Vinyl Covered Skirt.....	7.18	3.30
<b>02 87 19 00-0060 Aluminum Modular Access Ramp (02 87 19 00-0056)</b>		
Note: Includes picketed guardrails, inside grabrails, legs and hardware.		
02 87 19 00-0061 EA Up To 35" High, Aluminum Modular Access Ramp.....	3,077.29	38.32
<b>02 87 19 00-0062 Aluminum Modular Stairs (02 87 19 00-0056)</b>		
Note: Excludes earthwork		
02 87 19 00-0063 EA Aluminum Steps For Mobile Trailers.....	856.51	
<b>02 87 19 00-0064 Decontamination Chambers For Bio-Hazard And Infectious Disease Control (02 87 19)</b>		
Note: Includes removal after use.		
02 87 19 00-0065 EA Portable Personnel Decontamination Wash Facility (3 Stage) For Bio-Hazard And Infectious Disease Control .....	868.88	
Note: Includes connection to negative air system.		
02 87 19 00-0066 EA Portable Personnel Decontamination Wash Facility (5 Stage) For Bio-Hazard And Infectious Disease Control .....	1,025.42	
Note: Includes connection to negative air system.		
02 87 19 00-0067 EA Portable Waste Decontamination Unit For Bio-Hazard And Infectious Disease Control.....	541.28	
Note: Includes connection to negative air system.		
<b>02 87 19 00-0068 Bio-Hazard And Infectious Disease Control Cleaning, Level 2 (02 87 19)</b>		
Note: Includes worker personal protection equipment suites, gloves and masks. Level 1 Biohazard - Minor bacteria and viruses as well as non-infectious bacteria. Microbes are not known to cause disease in healthy hosts and pose minimal risk to workers and the environment. Level 2 Biohazard - Bacteria and viruses that cause mild disease or are difficult to contract. Microbes are typically indigenous and are associated with diseases of varying severity. They pose moderate risk to workers and the environment. Level 3 Biohazard - Microbes are indigenous or exotic and cause serious or potential lethal diseases through respiratory transmission. Disposal of materials used to wipe down surfaces in approved landfill after use. See CSI section 02 87 19 00-0138 for disposal of material into approved landfill.		
<b>02 87 19 00-0069 Bio-Hazard And Infectious Disease Control Cleaning Mobilization (02 87 19 00-0068)</b>		
02 87 19 00-0070 EA Bio-Hazard And Infectious Disease Control Mobilization And Set-Up .....	373.86	
Note: Mobilization and set-up minimum for each site location.		
<b>02 87 19 00-0071 Bio-Hazard And Infectious Disease Control Cleaning Of Surfaces (02 87 19 00-0068)</b>		
Note: Includes electrostatic spraying of surfaces with mild bleach, wet mop/wipe, disinfect and high efficiency particulate air (HEPA) vacuum surfaces		

**02 Existing Conditions****02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0072	CSF		Cleaning Of Floors For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution .....	27.71	
			For >25 To 50, Deduct	-2.77	
			For >50 To 200, Deduct	-5.54	
			For >200, Deduct	-8.31	
			For Cleaning Surfaces With Goldshield® GS5, Add	11.73	
			For Level 1 Biohazard Cleaning, Deduct	-5.54	
			For Level 3 Biohazard Cleaning, Add	9.14	
02 87 19 00-0073	CSF		Cleaning Of Walls For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution .....	32.60	
			For >25 To 50, Deduct	-3.26	
			For >50 To 200, Deduct	-6.52	
			For >200, Deduct	-9.77	
			For Cleaning Surfaces With Goldshield® GS5, Add	11.73	
			For Level 1 Biohazard Cleaning, Deduct	-6.52	
			For Level 3 Biohazard Cleaning, Add	10.75	
02 87 19 00-0074	CSF		Cleaning Of Ceilings For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution .....	37.09	
			For >25 To 50, Deduct	-3.71	
			For >50 To 200, Deduct	-7.41	
			For >200, Deduct	-11.12	
			For Cleaning Surfaces With Goldshield® GS5, Add	11.73	
			For Level 1 Biohazard Cleaning, Deduct	-7.41	
			For Level 3 Biohazard Cleaning, Add	12.23	
02 87 19 00-0075	CSF		Cleaning Of Countertops For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution.....	30.23	
			For Cleaning Surfaces With Goldshield® GS5, Add	11.73	
			For >5 To 10, Deduct	-1.51	
			For >10 To 50, Deduct	-3.02	
			For >50, Deduct	-6.04	
			For Level 1 Biohazard Cleaning, Deduct	-6.04	
			For Level 3 Biohazard Cleaning, Add	9.97	
02 87 19 00-0076	CSF		Cleaning Of Other Surfaces For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution .....	38.36	
			For >25 To 50, Deduct	-3.83	
			For >50 To 200, Deduct	-7.67	
			For >200, Deduct	-11.50	
			For Cleaning Surfaces With Goldshield® GS5, Add	11.73	
			For Level 1 Biohazard Cleaning, Deduct	-7.67	
			For Level 3 Biohazard Cleaning, Add	12.65	
<b>02 87 19 00-0077 Bio-Hazard And Infectious Disease Control Cleaning Of Equipment And Materials</b> <small>(02 87 19 00-0068)</small>					
Note: Includes spraying of surfaces with mild bleach, wet mop/wipe and disinfect					
02 87 19 00-0078	EA		Cleaning Of Plumbing Fixture For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution .....	71.63	
			For Level 1 Biohazard Cleaning, Deduct	-14.32	
			For Level 3 Biohazard Cleaning, Add	23.63	
			For Cleaning Surfaces With Goldshield® GS5, Add	5.86	
02 87 19 00-0079	EA		Cleaning Of Restroom Accessory For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution .....	32.87	
			For Level 1 Biohazard Cleaning, Deduct	-6.57	
			For Level 3 Biohazard Cleaning, Add	10.84	
			For Cleaning Surfaces With Goldshield® GS5, Add	3.91	
02 87 19 00-0080	EA		Cleaning Of Kitchen Appliance For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution.....	115.39	
			For Level 1 Biohazard Cleaning, Deduct	-23.07	
			For Level 3 Biohazard Cleaning, Add	38.07	
			For Cleaning Surfaces With Goldshield® GS5, Add	5.86	
02 87 19 00-0081	EA		Cleaning Of Electrical Switch/Receptacle For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution.....	7.11	
			For Level 1 Biohazard Cleaning, Deduct	-1.42	
			For Level 3 Biohazard Cleaning, Add	2.34	
			For Cleaning Surfaces With Goldshield® GS5, Add	1.17	
02 87 19 00-0082	EA		Cleaning Of WorkStation, Exterior Wipe For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Clean-up.....	106.38	
			Note: Includes desk, chair, computer, monitor(s), keyboard, mouse, lamp, drawers		
			For Level 1 Biohazard Cleaning, Deduct	-21.27	
			For Level 3 Biohazard Cleaning, Add	35.10	
			For Cleaning Surfaces With Goldshield® GS5, Add	5.86	
02 87 19 00-0083	EA		Cleaning Of Knobs, Latches, And Locks For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Clean-up.....	11.36	
			For Level 1 Biohazard Cleaning, Deduct	-2.27	
			For Level 3 Biohazard Cleaning, Add	3.74	
			For Cleaning Surfaces With Goldshield® GS5, Add	1.17	
<b>02 87 19 00-0084 Bio-Hazard And Infectious Disease Control Cleaning Of Ductwork</b> <small>(02 87 19 00-0068)</small>					
02 87 19 00-0085	LF		Up To 2 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning .....	4.18	
			For Level 1 Biohazard Cleaning, Deduct	-0.83	
			For Level 3 Biohazard Cleaning, Add	1.37	
02 87 19 00-0086	LF		>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning .....	5.25	
			For Level 1 Biohazard Cleaning, Deduct	-1.04	
			For Level 3 Biohazard Cleaning, Add	1.72	
02 87 19 00-0087	LF		>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning .....	7.02	
			For Level 1 Biohazard Cleaning, Deduct	-1.38	
			For Level 3 Biohazard Cleaning, Add	2.28	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0088 LF >8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning.....	9.92	
<i>For Level 1 Biohazard Cleaning, Deduct</i>	-1.95	
<i>For Level 3 Biohazard Cleaning, Add</i>	3.21	
02 87 19 00-0089 EA Clean Duct Coil For Bio-Hazard And Infectious Disease Control Cleaning .....	186.95	
<i>For Level 1 Biohazard Cleaning, Deduct</i>	-37.39	
<i>For Level 3 Biohazard Cleaning, Add</i>	61.69	
02 87 19 00-0090 SF Clean Duct Dampers And Vane Sets For Bio-Hazard And Infectious Disease Control Cleaning .....	13.01	
<i>For Level 1 Biohazard Cleaning, Deduct</i>	-2.60	
<i>For Level 3 Biohazard Cleaning, Add</i>	4.29	
02 87 19 00-0091 EA Clean Fan Coil Unit (FCU) Or Variable Air Volume (VAV) Unit For Bio-Hazard And Infectious Disease Control Cleaning .....	124.64	
<i>For Level 1 Biohazard Cleaning, Deduct</i>	-24.92	
<i>For Level 3 Biohazard Cleaning, Add</i>	41.12	
02 87 19 00-0092 EA Clean Air Handling Unit Fan And Coil For Bio-Hazard And Infectious Disease Control Cleaning.....	373.88	
<i>For Level 1 Biohazard Cleaning, Deduct</i>	-74.77	
<i>For Level 3 Biohazard Cleaning, Add</i>	123.37	
02 87 19 00-0093 EA Clean Grille/Diffuser/Register For Bio-Hazard And Infectious Disease Control Cleaning .....	31.18	
Note: Includes removal and reinstallation.		
<i>For Level 1 Biohazard Cleaning, Deduct</i>	-6.23	
<i>For Level 3 Biohazard Cleaning, Add</i>	10.28	
02 87 19 00-0094 SF Apply Sporicidin Disinfectant To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning.....	0.55	
<i>For Level 1 Biohazard Cleaning, Deduct</i>	-0.10	
<i>For Level 3 Biohazard Cleaning, Add</i>	0.17	
02 87 19 00-0095 SF Apply Goldshield® GS5 Antimicrobial Agent To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning.....	0.62	
<i>For Level 1 Biohazard Cleaning, Deduct</i>	-0.10	
<i>For Level 3 Biohazard Cleaning, Add</i>	0.17	
<b>02 87 19 00-0096 Bio-Hazard And Infectious Disease Control Equipment Rental (02 87 19)</b>		
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0097 DAY Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up .....	141.76	
02 87 19 00-0098 WK Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up .....	603.81	
02 87 19 00-0099 MO Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up .....	1,690.66	
02 87 19 00-0100 DAY Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean- up .....	125.69	
02 87 19 00-0101 WK Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean- up .....	345.65	
02 87 19 00-0102 MO Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean- up .....	942.68	
02 87 19 00-0103 DAY Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up .....	39.65	
02 87 19 00-0104 WK Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up .....	109.03	
02 87 19 00-0105 MO Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up .....	297.36	
02 87 19 00-0106 DAY Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up.....	81.38	
02 87 19 00-0107 WK Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up.....	334.24	
02 87 19 00-0108 MO Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up.....	1,009.97	
02 87 19 00-0109 EA High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Negative Air Machine For Bio- Hazard And Infectious Disease Control Clean-up .....	173.27	
Note: Required if over 800 hours operation.		
02 87 19 00-0110 DAY 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	395.20	
02 87 19 00-0111 WK 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	790.40	
02 87 19 00-0112 MO 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,580.80	
02 87 19 00-0113 DAY 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	526.93	
02 87 19 00-0114 WK 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,053.86	
02 87 19 00-0115 MO 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	2,107.73	
02 87 19 00-0116 DAY 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	789.21	
02 87 19 00-0117 WK 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,578.42	
02 87 19 00-0118 MO 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	3,156.85	
02 87 19 00-0119 DAY 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,052.28	
02 87 19 00-0120 WK 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	2,104.56	
02 87 19 00-0121 MO 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	4,209.13	
02 87 19 00-0122 DAY 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,315.35	
02 87 19 00-0123 WK 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	2,630.70	
02 87 19 00-0124 MO 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	5,261.41	
02 87 19 00-0125 EA Set-Up 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	113.97	
Note: Includes staking down tent.		
02 87 19 00-0126 EA Set-Up 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	227.94	
Note: Includes staking down tent.		
02 87 19 00-0127 EA Set-Up 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	683.81	
Note: Includes staking down tent.		
02 87 19 00-0128 EA Set-Up 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,367.62	
Note: Includes staking down tent.		
02 87 19 00-0129 EA Set-Up 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	2,279.38	
Note: Includes staking down tent.		
02 87 19 00-0130 DAY Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up .....	86.42	
02 87 19 00-0131 WK Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up .....	237.65	
02 87 19 00-0132 MO Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up .....	648.13	

**02 Existing Conditions****02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0133			<b>Bio-Hazard And Infectious Disease Control Hauling By Truck</b> <small>(02 87 19)</small> Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one-way mileage) using an appropriately sized truck.		
02 87 19 00-0134	EA		Hauling With 2-3 CY Pick-up Truck, Van Or Trailer, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up.....	95.76	
			Note: Each first 15 miles per trip		
			For Each Additional Mile Over First 15 Miles, Add Per Mile	1.20	
02 87 19 00-0135	EA		Hauling With 6 To 8 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Control Clean Up.....	142.73	
			Note: Each first 15 miles per trip		
			For Each Additional Mile Over First 15 Miles, Add Per Mile	1.78	
02 87 19 00-0136	EA		Hauling With 10 To 12 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up.....	148.58	
			Note: Each first 15 miles per trip		
			For Each Additional Mile Over First 15 Miles, Add Per Mile	1.86	
02 87 19 00-0137	EA		Hauling With 16' To 20', Box Or Flat Bed Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up.....	161.14	
			Note: Each first 15 miles per trip		
			For Each Additional Mile Over First 15 Miles, Add Per Mile	2.01	
02 87 19 00-0138			<b>Bio-Hazard And Infectious Disease Control Disposal</b> <small>(02 87 19)</small> Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0139	CY		Bio-Hazard And Infectious Disease Control Landfill Dump Fee.....	115.26	
02 87 19 00-0140			<b>BLU-MED Response Systems® (BLU-MED) Deployable Medical Facilities™ and Emergency Shelters</b> <small>(02 87 19)</small> Note: Includes delivery and set-up of facility, electrical, lighting and HVAC. Excludes medical equipment.		
02 87 19 00-0141	EA		20' x 32.5' Medical Shelter with 1-phase electrical, 60 Hertz (BLU-MED BM-2032.5-MS/1P) .....	36,664.79	
02 87 19 00-0142	EA		7' x 8' Entry Vestibule (BLU-MED BM-MS-VEST).....	3,524.71	
02 87 19 00-0143	EA		Vestibule End Panel with Bump Thru Door (BLU-MED BM-7x8-VEP04).....	5,831.98	
02 87 19 00-0144	SF		Sub Flooring For Medical Shelter (AKS-AB846) .....	5.47	
02 87 19 00-0145	EA		Upgrade To Large Roto-Mold Container, Blue (AK-ULC-5).....	1,600.76	
02 87 19 00-0146	EA		Environmental Control Unit-5 Ton, 60 Hertz, Blue (AK-ECU-5T-5).....	26,218.36	
02 87 19 00-0147	EA		3' ECU to Generator Pigtail, 60 Hertz (AKS-AC915).....	913.85	
02 87 19 00-0148	EA		Negative Pressure Isolation (NPI) System (AK-NPIS-5) .....	41,267.27	
			Note: Including: (1) Germicidal/high efficiency particulate air (HEPA) Filter Unit; (1) Monitor/Alarm with Motorized Damper; (1) Isolation Partition for 20'-Wide Shelter; (1) NPI Accessories Case		
02 87 19 00-0149	EA		6' Step Ladder (AKS-AC595).....	250.02	
02 87 19 00-0150	EA		10 Lbs Sledgehammer (AKS-AA268) .....	75.06	
02 87 19 00-0151			<b>Bio-Hazard And Infectious Disease Time And Material Tasks</b> <small>(02 87 19)</small> Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0152			<b>Bio-Hazard And Infectious Disease Control Labor</b> <small>(02 87 19 00-0151)</small> Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0153	HR		General Laborer For Bio-Hazard And Infectious Disease Control Clean Up.....	93.96	
02 87 19 00-0154	HR		Skilled Tradesman For Bio-Hazard And Infectious Disease Control Clean Up.....	139.02	
02 87 19 00-0155	HR		Biohazard Technician For Bio-Hazard And Infectious Disease Control Clean Up .....	101.25	
02 87 19 00-0156	HR		Biohazard Supervisor For Bio-Hazard And Infectious Disease Control Clean Up.....	121.74	
02 87 19 00-0157	HR		Project Manager For Bio-Hazard And Infectious Disease Control Clean Up .....	133.89	
02 87 19 00-0158			<b>Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment</b> <small>(02 87 19 00-0151)</small> Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0159	EA		Tyvek Coveralls For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	13.13	
02 87 19 00-0160	EA		Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment .....	21.48	
02 87 19 00-0161	PR		Polycarbonate Lens Safety Goggles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment .....	13.92	
02 87 19 00-0162	EA		Dual Cartridge Half-Mask Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment .....	101.30	
02 87 19 00-0163	EA		Cartridge - Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	45.86	
02 87 19 00-0164	EA		Full Face Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	309.05	
			Note: Respirator Connection Type: Bayonet, 4 pt. Full Face Suspension		
02 87 19 00-0165	EA		14-1/2" Width x 9" Height Polycarbonate Visor Faceshield For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment .....	42.25	
			Note: Includes basic impact ratchet headgear and faceshield safety system. ANSI Z87.1-2010		
02 87 19 00-0166	EA		19" Width x 11" Height Polycarbonate Visor Attachment To Hardhat For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	76.75	
			Note: Includes clear polycarbonate crown and chin guard system for hardhat. The chin guard extends below the chin, the shield extends passed the ear, and the crown extends over the forehead to the front of the hardhat. ANSI Z87.1-2015. Excludes hardhat.		
02 87 19 00-0167	BOX		Box of 100, 5 Mil, Disposable Latex Gloves For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment .....	23.79	
02 87 19 00-0168	EA		Gloves - Rubber (Heavy Duty) For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment .....	20.31	



<b>Existing Conditions</b>	<b>02</b>
<b>Facility Remediation</b>	<b>02 80</b>
<b>Bio-Hazard Material Remediation</b>	<b>02 87</b>

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 87 19 00-0169	EA	Belt-Mounted, Universal Mask, Powered Air Purifying Respirator (PAPR) System Kit For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment .....	2,065.76
Note: Kit includes NIOSH Approved with Draeger DHR 7000, C420 Blower, Single-Speed Toggle, Battery - LiSO2 (BA5800/U), C420 Breathing Tube Assembly with 75 Degrees Swivel, Decon Belt Assembly 70" x 2", C420 Airflow Indicator (Afl), Micronel Safety M95 Cartridge (2), Molded Case, Black, CBRN Breathing Tube Assembly			

**02 87 19 00-0170 Bio-Hazard And Infectious Disease Control Expendables** (02 87 19 00-0151)

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections. See CSI section 01 56 16 00-0001 for temporary sheeting, 01 56 16 00-0031 for temporary walls.

02 87 19 00-0171	GAL	Bleach For Bio-Hazard And Infectious Disease Control Clean-up .....	10.23
02 87 19 00-0172	EA	N95 Masks For Bio-Hazard And Infectious Disease Control Clean-up .....	3.40
02 87 19 00-0173	GAL	Disinfectant/Antimicrobial For Bio-Hazard And Infectious Disease Control Clean Up .....	100.27
02 87 19 00-0174	GAL	Goldshield® GS5 Antimicrobial Concentrate For Bio-Hazard And Infectious Disease Control Clean-up .....	281.48
Note: Mix 1 gallon in 5 gallons of water to produce 6 gallons of ready-to-use product. Use on any surface for bacterial inhibition up to 30 days			
02 87 19 00-0175	QT	Hand Sanitizer For Bio-Hazard And Infectious Disease Control Clean-up .....	10.63
02 87 19 00-0176	EA	Sponges - Dry For Bio-Hazard And Infectious Disease Control Clean-up .....	5.01
02 87 19 00-0177	ROL	Tape - Duct, 2" x 50 YD For Bio-Hazard And Infectious Disease Control Clean-up .....	13.05
02 87 19 00-0178	EA	UV Mini Light, Handheld For Bio-Hazard And Infectious Disease Control Clean-up .....	61.50
02 87 19 00-0179	ROL	Visqueen 1 Mil, 12' x 400', For Bio-Hazard And Infectious Disease Control Clean-up .....	52.60
02 87 19 00-0180	LB	Wipes, Terry Cloth 14" x 17" For Bio-Hazard And Infectious Disease Control Clean-up .....	7.75
02 87 19 00-0181	EA	Wyp-Alls, Case, 160 Wipes For Bio-Hazard And Infectious Disease Control Clean-up .....	15.66
02 87 19 00-0182	ROL	6 Mil, 55 Gallon Trash Bags, 50/Roll For Bio-Hazard And Infectious Disease Control Clean Up .....	161.91

**02 89 Hazmat Ancillary Tasks and Support** (02 80)

**02 89 00 00-0001 Barriers And Protection** (02 89)

Note: Includes removal and disposal after use.

**02 89 00 00-0002 Isolation Barriers** (02 89 00 00-0001)

See CSI section 01 56 16 00-0031 for temporary stud walls.

**02 89 00 00-0003 Cleaning Surfaces** (02 89 00 00-0001)

Note: Other surfaces outside contamination area but not contaminated by, or part of removal.

02 89 00 00-0004	SF	Up To 100 SF, Clean Non-Asbestos Surface .....	1.44
02 89 00 00-0005	SF	>100 To 500 SF, Clean Non-Asbestos Surface .....	1.01
02 89 00 00-0006	SF	>500 To 1,000 SF, Clean Non-Asbestos Surface .....	0.66
02 89 00 00-0007	SF	>1,000 SF, Clean Non-Asbestos Surface .....	0.51

**02 89 00 00-0008 Hazmat Containment Construction** (02 89 00 00-0001)

02 89 00 00-0009	SF	6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction .....	0.36
02 89 00 00-0010	SF	6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction .....	0.48
02 89 00 00-0011	SF	6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction .....	0.63
02 89 00 00-0012	SF	6 Mil Plastic Fire Retardant, Anti Static Sheeting, Applied To Floors, Hazmat Containment Construction .....	0.66
02 89 00 00-0013	SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Walls, Hazmat Containment Construction .....	0.84
02 89 00 00-0014	SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction .....	1.10

**02 89 00 00-0015 Decontamination Chambers** (02 89)

Note: Includes removal after use.

02 89 00 00-0016	EA	3 Stage Portable Personnel Decontamination Wash Facility .....	878.59
Note: Includes connection to negative air system.			
02 89 00 00-0017	EA	5 Stage Portable Personnel Decontamination Wash Facility .....	1,037.09
Note: Includes connection to negative air system.			
02 89 00 00-0018	EA	Portable Waste Decontamination Unit .....	549.06
Note: Includes connection to negative air system.			
<i>For Dismantling And Relocation To A Different Area, Add</i>			369.61

**02 90 Disaster Recovery** (02)

Note: The tasks in this division are only to be used when specifically requested by the Owner and are not to be combined with tasks from other divisions of this or other Construction Task Catalogs® unless specifically requested by the Owner.

**02 90 50 Cleaning and Disaster Clean-up** (02 90)

**02 90 50 00-0001 Non-Mold Contaminated Wet Material Removal** (02 90 50)

Note: For materials not requiring mold abatement.

02 90 50 00-0002	SY	Wet Broadloom Carpet Removal For Disaster Clean-up .....	23.18
02 90 50 00-0003	SY	Wet Carpet Tile Removal For Disaster Clean-up .....	5.64
02 90 50 00-0004	SF	Wet Batt Insulation Removal For Disaster Clean-up .....	0.47
02 90 50 00-0005	SF	Wet Ceiling Tile Removal For Disaster Clean-up .....	0.56
02 90 50 00-0006	SF	Single Layer, Wet Gypsum Board Removal For Disaster Clean-up .....	0.55
02 90 50 00-0007	SF	Double Layer, Wet Gypsum Board Removal For Disaster Clean-up .....	0.86

**02 90 50 00-0008 Cleaning** (02 90 50)

Note: Use "Light Clean" when soot or dust is barely evident. Use "Medium Clean" when paint color can be seen

**02 Existing Conditions****02 90 Disaster Recovery****02 90 50 Cleaning and Disaster Clean-up**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
through the soot or dust. Use "Heavy Clean" when paint color cannot be seen. Includes all man power, equipment and expendables required		
<b>02 90 50 00-0009 Clean Furnishings</b> (02 90 50 00-0008)		
02 90 50 00-0010 EA Office Equipment, Exterior Wipe For Disaster Clean-up.....	27.80	
For Medium Clean, Add	11.68	
For Heavy Clean, Add	36.14	
02 90 50 00-0011 SF Bookcase (Per SF Of Face Area), Light Clean For Disaster Clean-up .....	1.55	
For Medium Clean, Add	0.65	
For Heavy Clean, Add	2.02	
02 90 50 00-0012 LF Shelving, Light Clean For Disaster Clean-up .....	2.78	
For Medium Clean, Add	1.17	
For Heavy Clean, Add	3.61	
02 90 50 00-0013 EA Plastic Or Metal Chair, Light Clean For Disaster Clean-up .....	8.03	
For Medium Clean, Add	3.37	
For Heavy Clean, Add	10.44	
02 90 50 00-0014 EA Upholstered Chair, Light Clean For Disaster Clean-up .....	25.95	
For Medium Clean, Add	10.90	
For Heavy Clean, Add	33.74	
02 90 50 00-0015 EA Upholstered Sofa, Light Clean For Disaster Clean-up .....	159.98	
For Medium Clean, Add	67.19	
For Heavy Clean, Add	207.97	
02 90 50 00-0016 EA Desk, Light Clean For Disaster Clean-up.....	32.74	
For Medium Clean, Add	13.75	
For Heavy Clean, Add	42.56	
02 90 50 00-0017 EA Table, Light Clean For Disaster Clean-up .....	30.89	
For Medium Clean, Add	12.97	
For Heavy Clean, Add	40.16	
02 90 50 00-0018 EA Two Drawer File Cabinet, Light Clean For Disaster Clean-up .....	6.77	
For Medium Clean, Add	2.84	
For Heavy Clean, Add	8.80	
02 90 50 00-0019 EA Four Drawer File Cabinet, Light Clean For Disaster Clean-up .....	8.66	
For Medium Clean, Add	3.64	
For Heavy Clean, Add	11.26	
02 90 50 00-0020 LF Base Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up .....	7.11	
For Medium Clean, Add	2.99	
For Heavy Clean, Add	9.24	
02 90 50 00-0021 LF Base Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up .....	13.90	
For Medium Clean, Add	5.84	
For Heavy Clean, Add	18.07	
02 90 50 00-0022 LF Wall Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up .....	7.11	
For Medium Clean, Add	2.99	
For Heavy Clean, Add	9.24	
02 90 50 00-0023 LF Wall Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up .....	12.35	
For Medium Clean, Add	5.19	
For Heavy Clean, Add	16.06	
02 90 50 00-0024 EA Picture Frame, Glass And Back, Light Clean For Disaster Clean-up .....	2.96	
For Medium Clean, Add	1.24	
For Heavy Clean, Add	3.85	
<b>02 90 50 00-0025 Clean Hard Surfaces</b> (02 90 50 00-0008)		
02 90 50 00-0026 LF Wood, Vinyl Or Rubber Baseboard, Light Clean For Disaster Clean-up .....	0.40	
For Medium Clean, Add	0.17	
For Heavy Clean, Add	0.52	
02 90 50 00-0027 EA Door And Hardware (Per Side), Light Clean For Disaster Clean-up .....	5.25	
For Medium Clean, Add	2.21	
For Heavy Clean, Add	6.83	
02 90 50 00-0028 EA Detailed Door And Hardware (Per Side), Light Clean For Disaster Clean-up .....	5.95	
For Medium Clean, Add	2.50	
For Heavy Clean, Add	7.74	
02 90 50 00-0029 SF Overhead Door, Light Clean For Disaster Clean-up .....	0.42	
For Medium Clean, Add	0.18	
For Heavy Clean, Add	0.55	
02 90 50 00-0030 SF Mirror, Light Clean For Disaster Clean-up .....	0.31	
For Medium Clean, Add	0.13	
For Heavy Clean, Add	0.40	
02 90 50 00-0031 SF Window, Light Clean For Disaster Clean-up .....	0.91	
For Medium Clean, Add	0.38	
For Heavy Clean, Add	1.18	
02 90 50 00-0032 LF Handrail, Light Clean For Disaster Clean-up .....	0.81	
For Medium Clean, Add	0.34	
For Heavy Clean, Add	1.05	
02 90 50 00-0033 LF Bumper Rail, Light Clean For Disaster Clean-up .....	0.44	
For Medium Clean, Add	0.18	
For Heavy Clean, Add	0.57	
02 90 50 00-0034 SF Hard Floor, Light Clean For Disaster Clean-up .....	0.36	
For Medium Clean, Add	0.15	
For Heavy Clean, Add	0.47	
02 90 50 00-0035 SF Carpet, Light Clean For Disaster Clean-up .....	0.37	
For Medium Clean, Add	0.16	
For Heavy Clean, Add	0.48	
02 90 50 00-0036 SF Hard Ceiling, Light Clean For Disaster Clean-up .....	0.28	
For Medium Clean, Add	0.12	
For Heavy Clean, Add	0.36	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0037 SF Suspended Ceiling, Tile And Grid, Light Clean For Disaster Clean-up.....	0.31	
<i>For Medium Clean, Add</i>	0.13	
<i>For Heavy Clean, Add</i>	0.40	
02 90 50 00-0038 SF Ceramic Tile Wall, Light Clean For Disaster Clean-up.....	0.26	
<i>For Medium Clean, Add</i>	0.11	
<i>For Heavy Clean, Add</i>	0.34	
02 90 50 00-0039 SF Wall, Light Clean For Disaster Clean-up.....	0.19	
<i>For Medium Clean, Add</i>	0.08	
<i>For Heavy Clean, Add</i>	0.25	
02 90 50 00-0040 SF Masonry Wall, Light Clean For Disaster Clean-up.....	0.26	
<i>For Medium Clean, Add</i>	0.11	
<i>For Heavy Clean, Add</i>	0.34	
02 90 50 00-0041 EA Up To 24 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....	65.15	
Note: Includes removal from site, cleaning, and return.		
<i>For Medium Clean, Add</i>	27.36	
<i>For Heavy Clean, Add</i>	84.70	
02 90 50 00-0042 EA >24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....	81.43	
Note: Includes removal from site, cleaning, and return.		
<i>For Medium Clean, Add</i>	34.20	
<i>For Heavy Clean, Add</i>	105.86	
02 90 50 00-0043 EA >96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....	97.71	
Note: Includes removal from site, cleaning, and return.		
<i>For Medium Clean, Add</i>	41.04	
<i>For Heavy Clean, Add</i>	127.02	
02 90 50 00-0044 EA >140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....	114.00	
<i>For Medium Clean, Add</i>	47.88	
<i>For Heavy Clean, Add</i>	148.20	
<b>02 90 50 00-0045 Clean Window Treatments</b> <small>(02 90 50 00-0008)</small>		
02 90 50 00-0046 SF Window Blind, Light Clean For Disaster Clean-up.....	0.71	
<i>For Medium Clean, Add</i>	0.30	
<i>For Heavy Clean, Add</i>	0.92	
02 90 50 00-0047 EA Up To 6' Long Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.45	
<i>For Medium Clean, Add</i>	0.61	
<i>For Heavy Clean, Add</i>	1.89	
02 90 50 00-0048 EA Up To 6' Long Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.67	
<i>For Medium Clean, Add</i>	0.70	
<i>For Heavy Clean, Add</i>	2.17	
02 90 50 00-0049 EA >6' To 8' Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.52	
<i>For Medium Clean, Add</i>	0.64	
<i>For Heavy Clean, Add</i>	1.98	
02 90 50 00-0050 EA >6' To 8' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.75	
<i>For Medium Clean, Add</i>	0.74	
<i>For Heavy Clean, Add</i>	2.28	
02 90 50 00-0051 EA >8' To 10' Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.86	
<i>For Medium Clean, Add</i>	0.78	
<i>For Heavy Clean, Add</i>	2.42	
02 90 50 00-0052 EA >8' To 10' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	2.14	
<i>For Medium Clean, Add</i>	0.90	
<i>For Heavy Clean, Add</i>	2.78	
<b>02 90 50 00-0053 Clean Appliances</b> <small>(02 90 50 00-0008)</small>		
02 90 50 00-0054 EA Microwave Oven, Outside, Light Clean For Disaster Clean-up.....	12.80	
<i>For Medium Clean, Add</i>	5.38	
<i>For Heavy Clean, Add</i>	16.64	
02 90 50 00-0055 EA Refrigerator, Outside, Light Clean For Disaster Clean-up.....	30.15	
<i>For Medium Clean, Add</i>	12.66	
<i>For Heavy Clean, Add</i>	39.20	
02 90 50 00-0056 EA Range, Outside, Light Clean For Disaster Clean-up.....	26.06	
<i>For Medium Clean, Add</i>	10.95	
<i>For Heavy Clean, Add</i>	33.88	
<b>02 90 50 00-0057 Clean Plumbing</b> <small>(02 90 50 00-0008)</small>		
02 90 50 00-0058 EA Water Heater, Light Clean For Disaster Clean-up.....	18.54	
<i>For Medium Clean, Add</i>	7.79	
<i>For Heavy Clean, Add</i>	24.10	
02 90 50 00-0059 EA Plumbing Fixture, Light Clean For Disaster Clean-up.....	18.72	
<i>For Medium Clean, Add</i>	7.86	
<i>For Heavy Clean, Add</i>	24.34	
02 90 50 00-0060 EA Restroom Accessory, Light Clean For Disaster Clean-up.....	8.59	
<i>For Medium Clean, Add</i>	3.61	
<i>For Heavy Clean, Add</i>	11.17	
<b>02 90 50 00-0061 Clean HVAC</b> <small>(02 90 50 00-0008)</small>		
02 90 50 00-0062 LF Baseboard Heater, Light Clean For Disaster Clean-up.....	5.53	
<i>For Medium Clean, Add</i>	2.32	
<i>For Heavy Clean, Add</i>	7.19	
02 90 50 00-0063 LF Ductwork, Exterior Wipe, Light Clean For Disaster Clean-up.....	15.45	
<i>For Medium Clean, Add</i>	6.49	
<i>For Heavy Clean, Add</i>	20.09	

**02 Existing Conditions****02 90 Disaster Recovery****02 90 50 Cleaning and Disaster Clean-up**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0064 EA Ductwork, Interior (Per Grille/Register), Light Clean For Disaster Clean-up .....	59.30	
For Medium Clean, Add	24.91	
For Heavy Clean, Add	77.09	
02 90 50 00-0065 EA Grille/Register, Light Clean For Disaster Clean-up .....	5.56	
For Medium Clean, Add	2.34	
For Heavy Clean, Add	7.23	
02 90 50 00-0066 EA Air Handling Unit, Exterior Wipe, Light Clean For Disaster Clean-up.....	38.51	
For Medium Clean, Add	16.17	
For Heavy Clean, Add	50.06	
02 90 50 00-0067 EA Furnace, Exterior Wipe, Light Clean For Disaster Clean-up .....	34.29	
For Medium Clean, Add	14.40	
For Heavy Clean, Add	44.58	
<b>02 90 50 00-0068 Clean Electrical (02 90 50 00-0008)</b>		
02 90 50 00-0069 EA Electric Fan, Light Clean For Disaster Clean-up.....	22.86	
For Medium Clean, Add	9.60	
For Heavy Clean, Add	29.72	
02 90 50 00-0070 EA Ceiling Fan, Light Clean For Disaster Clean-up.....	24.71	
For Medium Clean, Add	10.38	
For Heavy Clean, Add	32.12	
02 90 50 00-0071 EA Ceiling Fan And Light, Light Clean For Disaster Clean-up.....	32.12	
For Medium Clean, Add	13.49	
For Heavy Clean, Add	41.76	
02 90 50 00-0072 EA Ceiling Exhaust Fan, Light Clean For Disaster Clean-up.....	22.54	
For Medium Clean, Add	9.47	
For Heavy Clean, Add	29.30	
02 90 50 00-0073 EA 2' x 4' Light Fixture, Light Clean For Disaster Clean-up .....	14.83	
For Medium Clean, Add	6.23	
For Heavy Clean, Add	19.28	
02 90 50 00-0074 EA Light Fixture, Light Clean For Disaster Clean-up .....	6.79	
For Medium Clean, Add	2.85	
For Heavy Clean, Add	8.83	
02 90 50 00-0075 EA Smoke Detector, Light Clean For Disaster Clean-up .....	5.25	
For Medium Clean, Add	2.21	
For Heavy Clean, Add	6.83	
02 90 50 00-0076 EA Thermostat, Light Clean For Disaster Clean-up.....	1.85	
For Medium Clean, Add	0.78	
For Heavy Clean, Add	2.41	
<b>02 90 50 00-0077 Thermal Fog (02 90 50 00-0008)</b>		
02 90 50 00-0078 CF Clean And Deodorize Building With Thermal Fog For Disaster Clean-up.....	0.02	
<b>02 90 50 00-0079 Contents Manipulation (02 90 50)</b>		
02 90 50 00-0080 SF Cover Contents With 6 Mil Plastic Sheeting For Disaster Clean-up.....	0.23	
02 90 50 00-0081 SF Floor Protection, Adhesive Film For Disaster Clean-up .....	0.28	
02 90 50 00-0082 SF Move Contents Out And Later Reset For Disaster Clean-up .....	0.49	
02 90 50 00-0083 MO 20' Long Job Site Storage Trailer For Disaster Clean-up.....	175.39	
02 90 50 00-0084 MO 40' Long Job Site Storage Trailer For Disaster Clean-up.....	232.60	
02 90 50 00-0085 EA Delivery Or Pickup Job Site Storage Trailer For Disaster Clean-up.....	143.67	
<b>02 90 50 00-0086 Water Disaster Clean-up (02 90 50)</b>		
02 90 50 00-0087 LF Detach Baseboard For Disaster Clean-up .....	0.67	
02 90 50 00-0088 LF Detach And Later Reset Baseboard For Disaster Clean-up .....	1.19	
02 90 50 00-0089 EA Block And Pad Furniture (Per Piece Of Furniture) For Disaster Clean-up .....	4.37	
02 90 50 00-0090 SF Water Extraction From Floor For Disaster Clean-up .....	0.45	
02 90 50 00-0091 SF Gray Water Extraction From Floor For Disaster Clean-up .....	0.74	
02 90 50 00-0092 SF Black Water Extraction From Floor For Disaster Clean-up .....	1.16	
02 90 50 00-0093 SF Tear Out Wet Non Salvageable Carpet For Disaster Clean-up .....	0.36	
02 90 50 00-0094 SF Tear Out Wet Non Salvageable Carpet, Black Water For Disaster Clean-up .....	0.43	
02 90 50 00-0095 SF Tear Out Wet Non Salvageable Glue Down Carpet For Disaster Clean-up.....	0.65	
02 90 50 00-0096 SF Tear Out Wet Non Salvageable Glue Down Carpet, Black Water For Disaster Clean-up.....	0.94	
02 90 50 00-0097 SF Tear Out Vinyl Flooring For Disaster Clean-up .....	0.89	
02 90 50 00-0098 SF Tear Out Vinyl Flooring, Black Water For Disaster Clean-up.....	1.31	
02 90 50 00-0099 SF Tear Out Wood Flooring, Black Water For Disaster Clean-up .....	3.39	
02 90 50 00-0100 SF Tear Out Laminated Wood Flooring For Disaster Clean-up.....	1.67	
02 90 50 00-0101 SF Tear Out Laminated Wood Flooring, Black Water For Disaster Clean-up.....	2.45	
02 90 50 00-0102 SF Tear Out Wet Ceiling Tile For Disaster Clean-up.....	0.28	
02 90 50 00-0103 SF Tear Out Batt Insulation For Disaster Clean-up.....	0.28	
02 90 50 00-0104 SF Tear Out Wet Gypsum Board For Disaster Clean-up.....	0.48	
02 90 50 00-0105 SF Apply Antimicrobial Agent For Disaster Clean-up .....	0.26	
02 90 50 00-0106 SF High Efficiency Particulate Air (HEPA) Vacuuming For Disaster Clean-up.....	0.35	
<b>02 90 50 00-0107 Board Up And Tarp Up (02 90 50)</b>		
02 90 50 00-0108 SF Polyethylene Tarp On Roof For Disaster Clean-up.....	0.26	
02 90 50 00-0109 SF Temporary Plywood On Roof For Disaster Clean-up.....	1.49	
02 90 50 00-0110 SF Temporary Plywood On Wall Or Windows For Disaster Clean-up.....	1.86	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 90 50 00-0111	<b>Minimum Charges</b> <small>(02 90 50)</small>				
02 90 50 00-0112	EA		Disaster Cleaning Minimum Charge .....	1,127.92	
02 90 50 00-0113	EA		Disaster Water Extraction Minimum Charge .....	242.67	
02 90 50 00-0114	EA		Disaster Carpet Cleaning Minimum Charge.....	225.83	

**02 90 55 Emergency Clean-up** (02 90)

02 90 55 00-0001	<b>Emergency Clean-up</b> <small>(02 90 55)</small>				
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.					

02 90 55 00-0002	<b>Emergency Clean-up Labor</b> <small>(02 90 55 00-0001)</small>				
Note: Used in the performance of time and material projects. Not to be used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.					

02 90 55 00-0003	HR		Skilled Tradesman For Emergency Clean Up.....	60.72	
02 90 55 00-0004	HR		Restoration / Document Laborer For Emergency Clean Up.....	42.50	
02 90 55 00-0005	HR		Restoration / Document Supervisor For Emergency Clean Up.....	58.44	
02 90 55 00-0006	HR		Restoration / Document Project Manager For Emergency Clean Up.....	95.63	
02 90 55 00-0007	HR		Assistant Project Manager For Emergency Clean Up.....	79.70	
02 90 55 00-0008	HR		Senior Project Manager For Emergency Clean Up.....	111.57	
02 90 55 00-0009	HR		Project Director / Document Consultant / Account Manager For Emergency Clean Up .....	159.39	
02 90 55 00-0010	HR		Equipment Technician For Emergency Clean Up .....	116.89	
02 90 55 00-0011	HR		Mold Remediation Laborer For Emergency Clean Up .....	58.19	
02 90 55 00-0012	HR		Mold Remediation Supervisor For Emergency Clean Up .....	79.70	
02 90 55 00-0013	HR		Administrative Personnel For Emergency Clean Up .....	37.19	
02 90 55 00-0014	HR		Project Accountant For Emergency Clean Up .....	60.72	
02 90 55 00-0015	HR		Biohazard Technician For Emergency Clean Up .....	84.38	
02 90 55 00-0016	HR		Biohazard Supervisor For Emergency Clean Up .....	101.45	
02 90 55 00-0017	HR		Health And Safety Officer For Emergency Clean Up .....	91.08	
02 90 55 00-0018	HR		Resource And Logistics Coordinator For Emergency Clean Up .....	65.78	
02 90 55 00-0019	HR		Loss Control Specialist For Emergency Clean Up .....	63.76	
02 90 55 00-0020	HR		Moisture Control Specialist For Emergency Clean Up.....	52.62	
02 90 55 00-0021	HR		Mobilization Support For Emergency Clean Up.....	32.38	

02 90 55 00-0022	<b>Emergency Clean-up Equipment</b> <small>(02 90 55 00-0001)</small>				
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.					

02 90 55 00-0023	<b>General Emergency Clean-up Equipment</b> <small>(02 90 55 00-0022)</small>				
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02 90 55 00-0024	DAY		265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....	141.76	
02 90 55 00-0025	WK		265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....	540.80	
02 90 55 00-0026	MO		265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....	1,480.64	
02 90 55 00-0027	DAY		13" Floor Buffer Rental For Emergency Clean-up.....	47.58	
02 90 55 00-0028	WK		13" Floor Buffer Rental For Emergency Clean-up.....	133.61	
02 90 55 00-0029	MO		13" Floor Buffer Rental For Emergency Clean-up.....	368.85	
02 90 55 00-0030	DAY		17" Floor Buffer Rental For Emergency Clean-up.....	92.21	
02 90 55 00-0031	WK		17" Floor Buffer Rental For Emergency Clean-up.....	235.24	
02 90 55 00-0032	MO		17" Floor Buffer Rental For Emergency Clean-up.....	555.16	
02 90 55 00-0033	DAY		Walk Behind Floor Scrubber Rental For Emergency Clean-up.....	508.11	
02 90 55 00-0034	WK		Walk Behind Floor Scrubber Rental For Emergency Clean-up.....	1,364.38	
02 90 55 00-0035	MO		Walk Behind Floor Scrubber Rental For Emergency Clean-up.....	3,801.44	
02 90 55 00-0036	DAY		Ride-On Floor Scrubber Rental For Emergency Clean-up .....	1,147.96	
02 90 55 00-0037	WK		Ride-On Floor Scrubber Rental For Emergency Clean-up .....	3,029.86	
02 90 55 00-0038	MO		Ride-On Floor Scrubber Rental For Emergency Clean-up .....	8,167.45	
02 90 55 00-0039	DAY		4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....	82.80	
02 90 55 00-0040	WK		4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....	235.24	
02 90 55 00-0041	MO		4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....	809.22	
02 90 55 00-0042	DAY		8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....	77.16	
02 90 55 00-0043	WK		8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....	207.01	
02 90 55 00-0044	MO		8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....	536.34	
02 90 55 00-0045	DAY		17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....	123.45	
02 90 55 00-0046	WK		17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....	352.29	
02 90 55 00-0047	MO		17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....	984.61	
02 90 55 00-0048	DAY		Truck Mounted Extractor Rental For Emergency Clean-up .....	774.97	
02 90 55 00-0049	WK		Truck Mounted Extractor Rental For Emergency Clean-up .....	2,324.92	
02 90 55 00-0050	MO		Truck Mounted Extractor Rental For Emergency Clean-up .....	6,974.75	
02 90 55 00-0051	DAY		16" Chain Saw Rental For Emergency Clean-up.....	90.33	
02 90 55 00-0052	WK		16" Chain Saw Rental For Emergency Clean-up.....	203.25	
02 90 55 00-0053	MO		16" Chain Saw Rental For Emergency Clean-up.....	541.99	
02 90 55 00-0054	DAY		20" Chain Saw Rental For Emergency Clean-up.....	112.91	
02 90 55 00-0055	WK		20" Chain Saw Rental For Emergency Clean-up.....	254.06	
02 90 55 00-0056	MO		20" Chain Saw Rental For Emergency Clean-up.....	677.48	
02 90 55 00-0057	EA		Cleaning Kit With Mop, Broom And Bucket For Emergency Clean-up.....	84.69	
02 90 55 00-0058	DAY		14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up .....	120.44	
02 90 55 00-0059	WK		14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up .....	329.33	
02 90 55 00-0060	MO		14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up .....	922.13	
02 90 55 00-0061	DAY		12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up .....	146.79	
02 90 55 00-0062	WK		12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up .....	498.70	

**02 Existing Conditions****02 90 Disaster Recovery****02 90 55 Emergency Clean-up**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

02 90 55 00-0063	MO	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up.....	950.36	
02 90 55 00-0064	DAY	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up.....	134.80	
02 90 55 00-0065	DAY	Extension Cords - 220 Volt For Emergency Clean-up.....	47.05	
02 90 55 00-0066	DAY	Extension Cords - 220 Volt Converter Box For Emergency Clean-up.....	28.23	
02 90 55 00-0067	DAY	Demolition Cart, 7 Yard For Emergency Clean-up.....	71.37	
02 90 55 00-0068	EA	Demolition Kit With Wheel Barrow, Shovel And Broom For Emergency Clean-up.....	141.14	
02 90 55 00-0069	DAY	Dry-Ice Blasting System For Emergency Clean-up.....	1,524.11	
02 90 55 00-0070	DAY	Fogger - Mist For Emergency Clean-up.....	39.65	
02 90 55 00-0071	DAY	Fogger - Electric Thermal For Emergency Clean-up.....	57.09	
02 90 55 00-0072	DAY	Fogger - Gas Power Thermal For Emergency Clean-up.....	153.36	
02 90 55 00-0073	EA	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up.....	188.80	
02 90 55 00-0074	DAY	Hand Trucks/Dollies For Emergency Clean-up.....	22.58	
02 90 55 00-0075	DAY	Heat Gun - Shrink Wrap For Emergency Clean-up.....	117.42	
02 90 55 00-0076	DAY	High Efficiency Particulate Air (HEPA) Negative Air Machine For Emergency Clean-up.....	166.14	
		Note: Includes all filters.		
02 90 55 00-0077	DAY	Ladder For Emergency Clean-up.....	31.99	
02 90 55 00-0078	DAY	Lights - Demo, Drop, Stand, String For Emergency Clean-up.....	28.55	
02 90 55 00-0079	DAY	Lights - Wobble For Emergency Clean-up.....	34.89	
02 90 55 00-0080	DAY	Moisture Meter For Emergency Clean-up.....	47.58	
02 90 55 00-0081	DAY	Nail Gun For Emergency Clean-up.....	84.69	
02 90 55 00-0082	DAY	Ozone Generator For Emergency Clean-up.....	198.24	
02 90 55 00-0083	DAY	PPE (Personal Protective Equipment) Mold Remediation Related For Emergency Clean-up.....	112.91	
02 90 55 00-0084	DAY	Portable Generator, Up To 7,500 Watt For Emergency Clean-up.....	158.59	
02 90 55 00-0085	DAY	Pressure Washer, Hot For Emergency Clean-up.....	237.89	
02 90 55 00-0086	DAY	Pressure Washer, Cold For Emergency Clean-up.....	158.59	
02 90 55 00-0087	DAY	Scaffolding - Per Section For Emergency Clean-up.....	122.32	
02 90 55 00-0088	DAY	Small Tools - Tool Box For Emergency Clean-up.....	47.05	
02 90 55 00-0089	DAY	Soda Blasting Equipment For Emergency Clean-up.....	1,512.37	
02 90 55 00-0090	DAY	Sprayer - Hudson For Emergency Clean-up.....	15.06	
02 90 55 00-0091	DAY	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up.....	127.60	
02 90 55 00-0092	DAY	Storage Space (Per SF Per Day) For Emergency Clean-up.....	3.65	
02 90 55 00-0093	DAY	Submersible Pump For Emergency Clean-up.....	39.65	
02 90 55 00-0094	DAY	Trash Pump - 2" Gas Powered For Emergency Clean-up.....	217.62	
02 90 55 00-0095	DAY	Vehicle, Pick-up, SUV, Car For Emergency Clean-up.....	108.03	
02 90 55 00-0096	DAY	Vehicle, Van For Emergency Clean-up.....	176.13	
02 90 55 00-0097	DAY	16' Or 24' Box Truck Vehicle For Emergency Clean-up.....	213.01	
		Note: Includes Mileage		
02 90 55 00-0098	DAY	Trailer - Refrigerated 40' Storage For Emergency Clean-up.....	234.06	
02 90 55 00-0099	DAY	Utility Trailer For Emergency Clean-up.....	194.92	
		Note: Includes Mileage		
02 90 55 00-0100	DAY	Truck Mount, Per Wand Extraction For Emergency Clean-up.....	879.08	
02 90 55 00-0101	DAY	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up.....	39.65	
02 90 55 00-0102	DAY	Vacuum - Shop Vacuum For Emergency Clean-up.....	39.65	
02 90 55 00-0103	DAY	Vacuum - Commercial For Emergency Clean-up.....	118.94	
02 90 55 00-0104	DAY	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up.....	134.80	
02 90 55 00-0105	DAY	Vacuum - Upright For Emergency Clean-up.....	25.83	
02 90 55 00-0106	DAY	Zip Walls (Per 2 Poles) For Emergency Clean-up.....	39.65	
02 90 55 00-0107	DAY	2 Way Radio For Emergency Clean-up.....	31.72	

**02 90 55 00-0108 Technical/Electronics Restoration Equipment (02 90 55 00-0022)**

02 90 55 00-0109	DAY	Computer - Diagnostic For Emergency Clean-up.....	47.05	
02 90 55 00-0110	WK	Computer - Diagnostic For Emergency Clean-up.....	129.38	
02 90 55 00-0111	MO	Computer - Diagnostic For Emergency Clean-up.....	352.86	
02 90 55 00-0112	DAY	Convection Oven - Large For Emergency Clean-up.....	683.38	
02 90 55 00-0113	WK	Convection Oven - Large For Emergency Clean-up.....	1,879.31	
02 90 55 00-0114	MO	Convection Oven - Large For Emergency Clean-up.....	5,125.38	
02 90 55 00-0115	DAY	Convection Oven - Small For Emergency Clean-up.....	169.37	
02 90 55 00-0116	WK	Convection Oven - Small For Emergency Clean-up.....	465.77	
02 90 55 00-0117	MO	Convection Oven - Small For Emergency Clean-up.....	1,270.28	
02 90 55 00-0118	DAY	Convection Oven - Vacuum For Emergency Clean-up.....	975.37	
02 90 55 00-0119	WK	Convection Oven - Vacuum For Emergency Clean-up.....	2,682.26	
02 90 55 00-0120	MO	Convection Oven - Vacuum For Emergency Clean-up.....	7,315.27	
02 90 55 00-0121	DAY	Decontamination Booth For Emergency Clean-up.....	806.28	
02 90 55 00-0122	WK	Decontamination Booth For Emergency Clean-up.....	2,217.28	
02 90 55 00-0123	MO	Decontamination Booth For Emergency Clean-up.....	6,047.13	
02 90 55 00-0124	DAY	DI Water System For Emergency Clean-up.....	62.62	
02 90 55 00-0125	WK	DI Water System For Emergency Clean-up.....	172.22	
02 90 55 00-0126	MO	DI Water System For Emergency Clean-up.....	469.68	
02 90 55 00-0127	DAY	ESD Bench Workstation For Emergency Clean-up.....	38.36	
02 90 55 00-0128	WK	ESD Bench Workstation For Emergency Clean-up.....	105.48	
02 90 55 00-0129	MO	ESD Bench Workstation For Emergency Clean-up.....	287.68	
02 90 55 00-0130	DAY	Heater/Enclosure Control System For Emergency Clean-up.....	28.23	
02 90 55 00-0131	WK	Heater/Enclosure Control System For Emergency Clean-up.....	77.63	
02 90 55 00-0132	MO	Heater/Enclosure Control System For Emergency Clean-up.....	211.71	
02 90 55 00-0133	DAY	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up.....	98.63	
02 90 55 00-0134	WK	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up.....	271.24	
02 90 55 00-0135	MO	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up.....	739.75	
02 90 55 00-0136	DAY	Micro-Blaster/Dust Collector For Emergency Clean-up.....	423.43	
02 90 55 00-0137	WK	Micro-Blaster/Dust Collector For Emergency Clean-up.....	1,164.43	
02 90 55 00-0138	MO	Micro-Blaster/Dust Collector For Emergency Clean-up.....	3,175.71	





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
02 90 55 00-0139	DAY			Mobile Laboratory For Emergency Clean-up .....	1,176.19		
02 90 55 00-0140	WK			Mobile Laboratory For Emergency Clean-up .....	3,234.52		
02 90 55 00-0141	MO			Mobile Laboratory For Emergency Clean-up .....	8,821.41		
02 90 55 00-0142	DAY			Nitrogen Enclosure Cabinet For Emergency Clean-up .....	22.58		
02 90 55 00-0143	WK			Nitrogen Enclosure Cabinet For Emergency Clean-up .....	62.10		
02 90 55 00-0144	MO			Nitrogen Enclosure Cabinet For Emergency Clean-up .....	169.37		
02 90 55 00-0145	DAY			Odell Cleaning Station For Emergency Clean-up .....	658.66		
02 90 55 00-0146	WK			Odell Cleaning Station For Emergency Clean-up .....	1,811.33		
02 90 55 00-0147	MO			Odell Cleaning Station For Emergency Clean-up .....	4,939.99		
02 90 55 00-0148	DAY			Parts Washer For Emergency Clean-up .....	47.05		
02 90 55 00-0149	WK			Parts Washer For Emergency Clean-up .....	129.38		
02 90 55 00-0150	MO			Parts Washer For Emergency Clean-up .....	352.86		
02 90 55 00-0151	DAY			Ultrasonic Cleaning System For Emergency Clean-up .....	293.55		
02 90 55 00-0152	WK			Ultrasonic Cleaning System For Emergency Clean-up .....	807.26		
02 90 55 00-0153	MO			Ultrasonic Cleaning System For Emergency Clean-up .....	2,201.62		
02 90 55 00-0154	DAY			Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up .....	125.69		
02 90 55 00-0155	WK			Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up .....	345.65		
02 90 55 00-0156	MO			Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up .....	942.68		
02 90 55 00-0157	<b>Drying/Dehumidification Equipment</b> <small>(02 90 55 00-0022)</small>						
02 90 55 00-0158	DAY			202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up .....	198.24		
				Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.			
02 90 55 00-0159	WK			202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up .....	545.16		
				Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.			
02 90 55 00-0160	MO			202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up .....	1,486.80		
				Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.			
02 90 55 00-0161	DAY			2,200 CFM Centrifugal Air Mover For Emergency Clean-up .....	46.25		
02 90 55 00-0162	WK			2,200 CFM Centrifugal Air Mover For Emergency Clean-up .....	127.19		
02 90 55 00-0163	MO			2,200 CFM Centrifugal Air Mover For Emergency Clean-up .....	346.89		
02 90 55 00-0164	DAY			3,000 CFM Axial Air Mover For Emergency Clean-up .....	77.09		
02 90 55 00-0165	WK			3,000 CFM Axial Air Mover For Emergency Clean-up .....	211.99		
02 90 55 00-0166	MO			3,000 CFM Axial Air Mover For Emergency Clean-up .....	578.16		
02 90 55 00-0167	DAY			Injectidry System For Emergency Clean-up .....	245.82		
02 90 55 00-0168	WK			Injectidry System For Emergency Clean-up .....	676.00		
02 90 55 00-0169	MO			Injectidry System For Emergency Clean-up .....	1,843.63		
02 90 55 00-0170	DAY			Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up .....	158.59		
02 90 55 00-0171	WK			Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up .....	436.13		
02 90 55 00-0172	MO			Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up .....	1,189.44		
02 90 55 00-0173	DAY			>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up .....	235.24		
02 90 55 00-0174	WK			>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up .....	646.90		
02 90 55 00-0175	MO			>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up .....	1,764.28		
02 90 55 00-0176	DAY			>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up .....	219.01		
02 90 55 00-0177	WK			>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up .....	602.27		
02 90 55 00-0178	MO			>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up .....	1,642.56		
02 90 55 00-0179	DAY			Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up .....	234.11		
02 90 55 00-0180	WK			Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up .....	643.81		
02 90 55 00-0181	MO			Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up .....	1,755.84		
02 90 55 00-0182	DAY			Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up .....	234.11		
02 90 55 00-0183	WK			Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up .....	643.81		
02 90 55 00-0184	MO			Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up .....	1,755.84		
02 90 55 00-0185	DAY			D-500 Desiccant Dehumidifier For Emergency Clean-up .....	264.32		
02 90 55 00-0186	WK			D-500 Desiccant Dehumidifier For Emergency Clean-up .....	726.88		
02 90 55 00-0187	MO			D-500 Desiccant Dehumidifier For Emergency Clean-up .....	1,982.40		
02 90 55 00-0188	DAY			D-750 Desiccant Dehumidifier For Emergency Clean-up .....	555.07		
02 90 55 00-0189	WK			D-750 Desiccant Dehumidifier For Emergency Clean-up .....	1,526.45		
02 90 55 00-0190	MO			D-750 Desiccant Dehumidifier For Emergency Clean-up .....	4,163.04		
02 90 55 00-0191	DAY			D-1000 Desiccant Dehumidifier For Emergency Clean-up .....	951.55		
02 90 55 00-0192	WK			D-1000 Desiccant Dehumidifier For Emergency Clean-up .....	2,616.77		
02 90 55 00-0193	MO			D-1000 Desiccant Dehumidifier For Emergency Clean-up .....	7,136.64		
02 90 55 00-0194	DAY			D-1500 Desiccant Dehumidifier For Emergency Clean-up .....	1,465.09		
02 90 55 00-0195	WK			D-1500 Desiccant Dehumidifier For Emergency Clean-up .....	4,028.99		
02 90 55 00-0196	MO			D-1500 Desiccant Dehumidifier For Emergency Clean-up .....	10,988.16		
02 90 55 00-0197	DAY			D-2000 Desiccant Dehumidifier For Emergency Clean-up .....	1,465.09		
02 90 55 00-0198	WK			D-2000 Desiccant Dehumidifier For Emergency Clean-up .....	4,028.99		
02 90 55 00-0199	MO			D-2000 Desiccant Dehumidifier For Emergency Clean-up .....	10,988.16		
02 90 55 00-0200	DAY			D-2250 Desiccant Dehumidifier For Emergency Clean-up .....	1,530.04		
02 90 55 00-0201	WK			D-2250 Desiccant Dehumidifier For Emergency Clean-up .....	4,207.60		
02 90 55 00-0202	MO			D-2250 Desiccant Dehumidifier For Emergency Clean-up .....	11,475.26		
02 90 55 00-0203	DAY			D-3000 Desiccant Dehumidifier For Emergency Clean-up .....	1,903.10		
02 90 55 00-0204	WK			D-3000 Desiccant Dehumidifier For Emergency Clean-up .....	5,233.54		
02 90 55 00-0205	MO			D-3000 Desiccant Dehumidifier For Emergency Clean-up .....	14,273.28		
02 90 55 00-0206	DAY			D-4500 Desiccant Dehumidifier For Emergency Clean-up .....	2,140.99		
02 90 55 00-0207	WK			D-4500 Desiccant Dehumidifier For Emergency Clean-up .....	5,887.73		
02 90 55 00-0208	MO			D-4500 Desiccant Dehumidifier For Emergency Clean-up .....	16,057.44		
02 90 55 00-0209	DAY			D-5000 Desiccant Dehumidifier For Emergency Clean-up .....	2,299.58		
02 90 55 00-0210	WK			D-5000 Desiccant Dehumidifier For Emergency Clean-up .....	6,323.86		
02 90 55 00-0211	MO			D-5000 Desiccant Dehumidifier For Emergency Clean-up .....	17,246.88		
02 90 55 00-0212	DAY			D-9000 Desiccant Dehumidifier For Emergency Clean-up .....	3,020.80		
02 90 55 00-0213	WK			D-9000 Desiccant Dehumidifier For Emergency Clean-up .....	8,307.20		
02 90 55 00-0214	MO			D-9000 Desiccant Dehumidifier For Emergency Clean-up .....	22,656.00		

**02 Existing Conditions****02 90 Disaster Recovery****02 90 55 Emergency Clean-up**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

02 90 55 00-0215	DAY	D-10500 Desiccant Dehumidifier For Emergency Clean-up .....	3,171.84	
02 90 55 00-0216	WK	D-10500 Desiccant Dehumidifier For Emergency Clean-up .....	8,722.56	
02 90 55 00-0217	MO	D-10500 Desiccant Dehumidifier For Emergency Clean-up .....	23,788.80	
02 90 55 00-0218	DAY	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	515.42	
02 90 55 00-0219	WK	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,417.42	
02 90 55 00-0220	MO	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	3,865.68	
02 90 55 00-0221	DAY	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	713.66	
02 90 55 00-0222	WK	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,962.58	
02 90 55 00-0223	MO	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	5,352.48	
02 90 55 00-0224	DAY	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	951.55	
02 90 55 00-0225	WK	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	2,616.77	
02 90 55 00-0226	MO	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	7,136.64	
02 90 55 00-0227	DAY	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,268.74	
02 90 55 00-0228	WK	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	3,489.02	
02 90 55 00-0229	MO	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	9,515.52	
02 90 55 00-0230	DAY	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	2,140.99	
02 90 55 00-0231	WK	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	5,887.73	
02 90 55 00-0232	MO	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	16,057.44	
02 90 55 00-0233	DAY	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	2,378.88	
02 90 55 00-0234	WK	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	6,541.92	
02 90 55 00-0235	MO	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	17,841.60	
02 90 55 00-0236	DAY	25' Flex Duct For Emergency Clean-up .....	31.72	
02 90 55 00-0237	WK	25' Flex Duct For Emergency Clean-up .....	87.23	
02 90 55 00-0238	MO	25' Flex Duct For Emergency Clean-up .....	237.89	
02 90 55 00-0239	DAY	Hygrothermograph For Emergency Clean-up.....	47.05	
02 90 55 00-0240	WK	Hygrothermograph For Emergency Clean-up.....	129.38	
02 90 55 00-0241	MO	Hygrothermograph For Emergency Clean-up.....	352.86	
02 90 55 00-0242	DAY	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up.....	7,455.20	
		Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 55 00-0243	WK	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up.....	20,501.79	
		Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 55 00-0244	MO	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up.....	55,913.98	
		Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		

**02 90 55 00-0245 Power Equipment** (02 90 55 00-022)

02 90 55 00-0246	WK	Up to 65 KVA Generator For Emergency Clean-up .....	981.76	
02 90 55 00-0247	WK	>65 to 125 KVA Generator For Emergency Clean-up.....	1,661.44	
02 90 55 00-0248	WK	>125 to 250 KVA Generator For Emergency Clean-up.....	1,618.84	
02 90 55 00-0249	WK	>250 to 375 KVA Generator For Emergency Clean-up.....	2,794.24	
02 90 55 00-0250	WK	>375 Up to 440 KVA Generator For Emergency Clean-up .....	3,776.00	
02 90 55 00-0251	WK	>440 to 625 KVA Generator For Emergency Clean-up.....	5,680.15	
02 90 55 00-0252	WK	>625 to 800 KVA Generator For Emergency Clean-up.....	5,815.04	
02 90 55 00-0253	WK	>800 to 1,000 KVA Generator For Emergency Clean-up.....	7,778.56	
02 90 55 00-0254	WK	>1,000 to 1,500 KVA Generator For Emergency Clean-up.....	11,705.60	
02 90 55 00-0255	EA	Generator Cable/Pigtails (Per Section) For Emergency Clean-up .....	25.37	
02 90 55 00-0256	EA	Sub-Distribution Panel (Spider Box) For Emergency Clean-up .....	121.59	
02 90 55 00-0257	EA	Electrical Distribution Panel For Emergency Clean-up .....	293.55	
02 90 55 00-0258	EA	Quad Box Strings (25' Sections) For Emergency Clean-up.....	45.69	
02 90 55 00-0259	EA	50' Power Cord For Spider Box For Emergency Clean-up.....	42.29	
02 90 55 00-0260	EA	Pig Tails (Per Each) For Emergency Clean-up.....	4.70	

**02 90 55 00-0261 Freight Charges** (02 90 55 00-022)

02 90 55 00-0262	MI	Freight Up To 1 Ton Pick Up Truck For Emergency Clean-up Equipment.....	2.35	
02 90 55 00-0263	MI	Freight >1 Ton Pick Up Truck For Emergency Clean-up Equipment .....	4.23	
02 90 55 00-0264	MI	Freight 16' Or 24' Box Truck For Emergency Clean-up Equipment .....	4.23	
02 90 55 00-0265	MI	Freight Tractor Trailer For Emergency Clean-up Equipment .....	6.12	

**02 90 55 00-0266 Emergency Clean-up Personal Protection Equipment** (02 90 55 00-001)

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 55 00-0267	EA	Tyvek Coveralls For Emergency Clean-up Personal Protection Equipment .....	13.13	
02 90 55 00-0268	EA	Respirator Cartridge For Emergency Clean-up Personal Protection Equipment .....	45.86	
02 90 55 00-0269	BOX	Dust Mask For Emergency Clean-up Personal Protection Equipment.....	51.13	
02 90 55 00-0270	PR	Cotton Canvas Gloves For Emergency Clean-up Personal Protection Equipment.....	3.52	
02 90 55 00-0271	BOX	5 Mil, Disposable Latex Gloves, Box of 100, For Emergency Clean-up Personal Protection Equipment.....	23.79	
02 90 55 00-0272	PR	Leather Gloves For Emergency Clean-up Personal Protection Equipment .....	11.90	
02 90 55 00-0273	EA	Heavy Duty, Rubber Gloves For Emergency Clean-up Personal Protection Equipment .....	20.31	
02 90 55 00-0274	PR	Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment.....	13.92	
02 90 55 00-0275	EA	Disposable Dual Cartridge Half-Mask Respirator For Emergency Clean-up Personal Protection Equipment .....	101.30	
02 90 55 00-0276	PR	Plastic Safety Glasses For Emergency Clean-up Personal Protection Equipment .....	6.10	
02 90 55 00-0277	EA	Safety Harness (Per Person/Day) For Emergency Clean-up Personal Protection Equipment.....	7.93	



MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**02 90 55 00-0278 Emergency Clean-up Expendables** (02 90 55 00-0001)

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

**02 90 55 00-0279 General Materials** (02 90 55 00-0278)

02 90 55 00-0280	GAL Adhesive Remover For Emergency Clean-up.....	95.16
02 90 55 00-0281	GAL Bio-HS For Emergency Clean-up .....	32.08
02 90 55 00-0282	GAL Biocide For Emergency Clean-up .....	40.94
02 90 55 00-0283	EA 10" x 12" x 15" Cardboard Storage Box For Emergency Clean-up.....	5.01
02 90 55 00-0284	EA 10" x 12" x 24" Cardboard Storage Box For Emergency Clean-up.....	7.61
02 90 55 00-0285	GAL Bleach For Emergency Clean-up.....	10.23
02 90 55 00-0286	EA Small Stainless Brush For Emergency Clean-up.....	6.26
02 90 55 00-0287	EA 2-1/2 Gallon Buckets For Emergency Clean-up.....	7.95
02 90 55 00-0288	EA 5 Gallon Bucket For Emergency Clean-up.....	12.04
02 90 55 00-0289	GAL Carpet Defoamer For Emergency Clean-up .....	30.98
02 90 55 00-0290	GAL Carpet Pre-treat For Emergency Clean-up .....	23.17
02 90 55 00-0291	GAL Carpet Spotter For Emergency Clean-up .....	38.83
02 90 55 00-0292	GAL Carpet/Upholstery Cleaner For Emergency Clean-up .....	31.31
02 90 55 00-0293	ROL Carpet Masking/Shield For Emergency Clean-up.....	86.86
02 90 55 00-0294	EA Chemical Sponge For Emergency Clean-up.....	3.75
02 90 55 00-0295	GAL Clear Seal For Emergency Clean-up.....	127.94
02 90 55 00-0296	GAL Coil Cleaner For Emergency Clean-up.....	59.81
02 90 55 00-0297	EA Comfort Masks, Per Box 50 For Emergency Clean-up Personal Protection Equipment.....	43.95
02 90 55 00-0298	EA Hooded Coverall With Elastic Wrists/Ankles For Emergency Clean-up Personal Protection Equipment.....	19.44
02 90 55 00-0299	EA Decontamination Chamber For Emergency Clean-up .....	260.09
02 90 55 00-0300	GAL All Purpose Degreaser For Emergency Clean-up.....	41.87
02 90 55 00-0301	GAL De-Foamer Liquid For Emergency Clean-up.....	55.03
02 90 55 00-0302	EA Deodorization Membrane For Emergency Clean-up.....	107.89
02 90 55 00-0303	GAL 9-D-9 Smoke Deodorizer For Emergency Clean-up .....	164.49
02 90 55 00-0304	LB Deodorizing Gel For Emergency Clean-up .....	38.64
02 90 55 00-0305	GAL Deodorizing Liquid For Emergency Clean-up.....	57.21
02 90 55 00-0306	PAIL Deodorizing Block For Emergency Clean-up.....	9.71
02 90 55 00-0307	GAL Disinfectant/Antimicrobial For Emergency Clean-up.....	100.27
02 90 55 00-0308	GAL BruClean Disinfectant For Emergency Clean-up .....	30.45
02 90 55 00-0309	GAL Dryclean For Emergency Clean-up.....	44.95
02 90 55 00-0310	GAL Duct Sealant Spray For Emergency Clean-up.....	67.75
02 90 55 00-0311	GAL Antifungal Duct Sealant For Emergency Clean-up .....	97.86
02 90 55 00-0312	GAL Microbial Encapsulant (Fosters 20 - 40) For Emergency Clean-up .....	148.33
02 90 55 00-0313	PR Ear Plugs For Emergency Clean-up Personal Protection Equipment.....	0.61
02 90 55 00-0314	GAL Encapsulant For Emergency Clean-up.....	102.70
02 90 55 00-0315	GAL Aftershock Fiberlocke For Emergency Clean-up .....	90.18
02 90 55 00-0316	GAL IAQ 2500 Fiberlocke For Emergency Clean-up .....	116.20
02 90 55 00-0317	GAL IAS 6000 Fiberlocke For Emergency Clean-up.....	119.51
02 90 55 00-0318	ROL Filter Material For Emergency Clean-up .....	233.27
02 90 55 00-0319	EA Blue Paper Collection Bag Filter For Emergency Clean-up .....	6.28
02 90 55 00-0320	EA CVAC Filter For High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up .....	498.92
02 90 55 00-0321	EA Pre-Filter For Negative Air Machine For Emergency Clean-up.....	2.39
02 90 55 00-0322	EA Pleated Filter For Negative Air Machine For Emergency Clean-up .....	10.66
02 90 55 00-0323	EA Charcoal Filter For Negative Air Machine For Emergency Clean-up .....	37.94
02 90 55 00-0324	EA High Efficiency Particulate Air (HEPA) Filter For Negative Air Machine For Emergency Clean-up.....	360.85
02 90 55 00-0325	EA Pleated Dehumidifier Filter For Emergency Clean-up.....	9.52
02 90 55 00-0326	GAL Floor Stripper For Emergency Clean-up .....	21.08
02 90 55 00-0327	GAL Floor Wax For Emergency Clean-up .....	30.11
02 90 55 00-0328	GAL Fogger (Thermal) For Emergency Clean-up.....	174.46
02 90 55 00-0329	BOX Furniture Blocks For Emergency Clean-up.....	140.52
02 90 55 00-0330	EA Furniture Polish, Per 10 Oz Can For Emergency Clean-up.....	18.93
02 90 55 00-0331	GAL Glass Cleaner For Emergency Clean-up .....	12.63
02 90 55 00-0332	PR Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment .....	22.96
02 90 55 00-0333	EA Goof Off Spray, 12 Oz For Emergency Clean-up .....	15.10
02 90 55 00-0334	EA Halogen Light Bulbs For Emergency Clean-up.....	21.50
02 90 55 00-0335	QT Hand Sanitizer For Emergency Clean-up .....	10.63
02 90 55 00-0336	EA Hard Hats For Emergency Clean-up Personal Protection Equipment .....	8.75
02 90 55 00-0337	BOX Hog Rings, Box Of 2,500 For Emergency Clean-up .....	18.40
02 90 55 00-0338	GAL HVAC Coal Cleaner For Emergency Clean-up.....	59.81
02 90 55 00-0339	BOX Inventory Tag, Box Of 1,000 For Emergency Clean-up.....	129.45
02 90 55 00-0340	EA Utility Knives For Emergency Clean-up .....	16.56
02 90 55 00-0341	ROL 13" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	111.04
02 90 55 00-0342	ROL 20" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	117.23
02 90 55 00-0343	ROL 29" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	233.41
02 90 55 00-0344	ROL 39" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	337.38
02 90 55 00-0345	GAL Lemon Oil For Emergency Clean-up .....	50.75
02 90 55 00-0346	GAL LPS 1/Mecca Lube For Emergency Clean-up.....	54.71
02 90 55 00-0347	GAL LPS 2 For Emergency Clean-up .....	57.90
02 90 55 00-0348	GAL LPS Contact Cleaner For Emergency Clean-up .....	57.63
02 90 55 00-0349	GAL Light Lubricant Preserve For Emergency Clean-up.....	135.13
02 90 55 00-0350	GAL Heavy Lubricant Preserver For Emergency Clean-up.....	30.11
02 90 55 00-0351	GAL Machinery Cleaning Solvent For Emergency Clean-up .....	242.97
02 90 55 00-0352	GAL Metal Polishing Paste For Emergency Clean-up .....	25.01
02 90 55 00-0353	GAL MediClean® Disinfectant For Emergency Clean-up .....	60.85
02 90 55 00-0354	GAL Dri-Eaz Milgo Plus Sanitizer For Emergency Clean-up .....	74.69

**02 Existing Conditions****02 90 Disaster Recovery****02 90 55 Emergency Clean-up**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0355 EA Mop Heads For Emergency Clean-up.....	9.01	
02 90 55 00-0356 EA Nylon Scouring Pads For Emergency Clean-up .....	1.66	
02 90 55 00-0357 GAL Odor Neutralizer For Emergency Clean-up.....	38.83	
02 90 55 00-0358 EA Packing Paper, 25 LB Bundle For Emergency Clean-up .....	67.32	
02 90 55 00-0359 EA Paint Brushes For Emergency Clean-up.....	7.53	
02 90 55 00-0360 ROL Corrugated/Craft Paper, 48" x 250' For Emergency Clean-up .....	156.98	
02 90 55 00-0361 EA Putty Knives For Emergency Clean-up.....	6.82	
02 90 55 00-0362 ROL Red Resin Paper, 200' Roll For Emergency Clean-up .....	34.26	
02 90 55 00-0363 GAL Reodorant For Emergency Clean-up .....	127.97	
02 90 55 00-0364 EA N95 Respirator For Emergency Clean-up Personal Protection Equipment.....	4.38	
02 90 55 00-0365 EA N95 Respirator With Valve For Emergency Clean-up Personal Protection Equipment.....	6.80	
02 90 55 00-0366 PR 3M Respirator Cartridges For Emergency Clean-up Personal Protection Equipment.....	45.65	
02 90 55 00-0367 PR P100 Respirator Cartridges For Emergency Clean-up Personal Protection Equipment .....	45.65	
02 90 55 00-0368 EA Respirator Cleaning Wipes, Per Box 100 For Emergency Clean-up Personal Protection Equipment .....	36.52	
02 90 55 00-0369 GAL Restoracide For Emergency Clean-up.....	60.03	
02 90 55 00-0370 GAL Rust Remover For Emergency Clean-up.....	88.81	
02 90 55 00-0371 EA Saltesmo Test Samples For Emergency Clean-up .....	8.25	
02 90 55 00-0372 EA Sand Bag For Emergency Clean-up .....	2.16	
Note: Excludes sand material		
02 90 55 00-0373 EA Scotch-Brite 7447, Per Box 50 For Emergency Clean-up.....	26.96	
02 90 55 00-0374 EA Small Scrub Brushes For Emergency Clean-up .....	14.40	
02 90 55 00-0375 GAL Clear Soot Sealant For Emergency Clean-up.....	103.00	
02 90 55 00-0376 GAL Pigmented Soot Sealant For Emergency Clean-up .....	277.77	
02 90 55 00-0377 ROL Shrinkwrap Plastic For Emergency Clean-up .....	63.94	
02 90 55 00-0378 EA Dry Sponges For Emergency Clean-up .....	5.01	
02 90 55 00-0379 EA Spray Adhesive, Per Can For Emergency Clean-up.....	6.67	
02 90 55 00-0380 EA Spray Bot./Trigger For Emergency Clean-up.....	5.81	
02 90 55 00-0381 GAL Stain Remover For Emergency Clean-up .....	35.07	
02 90 55 00-0382 GAL Stainless Steel Cleaner For Emergency Clean-up.....	12.57	
02 90 55 00-0383 EA Stainless Steel Polish, Per Can For Emergency Clean-up .....	16.49	
02 90 55 00-0384 LB Sweeping Compound For Emergency Clean-up.....	0.55	
02 90 55 00-0385 ROL Duct Tape, 2" x 50 YD For Emergency Clean-up .....	13.05	
02 90 55 00-0386 ROL Environmental (Teal) Tape, 3/4" x 1,440' For Emergency Clean-up.....	12.28	
02 90 55 00-0387 ROL HVAC (Aluminum) Tape, 2" x 75' For Emergency Clean-up.....	33.12	
02 90 55 00-0388 ROL Blue Masking (Painters) Tape, 1-1/2" x 198' For Emergency Clean-up.....	17.47	
02 90 55 00-0389 ROL Poly Box Tape, 2" x 110 YD For Emergency Clean-up.....	5.39	
02 90 55 00-0390 LB Terry Towels For Emergency Clean-up .....	7.75	
02 90 55 00-0391 GAL Thermal Fog For Emergency Clean-up.....	78.91	
02 90 55 00-0392 ROL Lawn And Leaf Trash Bags For Emergency Clean-up.....	40.60	
02 90 55 00-0393 ROL 6 Mil Heavy Duty Trash Bags (50 Count) For Emergency Clean-up.....	161.91	
02 90 55 00-0394 EA Trisodium Phosphate, 20 LB Pail For Emergency Clean-up.....	54.94	
02 90 55 00-0395 EA Backpack Vacuum Bags For Emergency Clean-up .....	1.85	
02 90 55 00-0396 EA Upright Vacuum Bags For Emergency Clean-up .....	2.47	
02 90 55 00-0397 GAL Vinyl And Leather Cleaner For Emergency Clean-up .....	31.31	
02 90 55 00-0398 ROL 1 Mil Visqueen, 12' x 400', For Emergency Clean-up .....	52.60	
02 90 55 00-0399 ROL 4 Mil Visqueen, 32' x 100', For Emergency Clean-up .....	142.82	
02 90 55 00-0400 ROL 6 Mil Visqueen, 32' x 400', For Emergency Clean-up .....	194.88	
02 90 55 00-0401 LB Wipes, Cotton Cloth For Emergency Clean-up .....	5.52	
02 90 55 00-0402 ROL 12" x 750', Wrap, Bubble/Anti-Static For Emergency Clean-up .....	160.40	
02 90 55 00-0403 EA Wyp-Alls, Case Of 160 Wipes For Emergency Clean-up.....	15.66	
02 90 55 00-0404 EA Zip Wall Zippers For Emergency Clean-up.....	24.35	
<b>02 90 55 00-0405 Technical/Electronics Restoration Materials (02 90 55 00-0278)</b>		
02 90 55 00-0406 EA Brush - Brass For Emergency Clean-up .....	5.65	
02 90 55 00-0407 EA 1" Brush, Natural Bristle For Emergency Clean-up.....	1.81	
02 90 55 00-0408 EA 1/2" Brush, Natural Bristle For Emergency Clean-up.....	1.51	
02 90 55 00-0409 EA 1/4" Brush, Natural Bristle For Emergency Clean-up.....	1.28	
02 90 55 00-0410 EA Brush - Parts For Emergency Clean-up .....	7.83	
02 90 55 00-0411 EA Brush - Plastic For Emergency Clean-up.....	4.06	
02 90 55 00-0412 EA Brush - Wire Grout For Emergency Clean-up .....	8.22	
02 90 55 00-0413 EA Brushing Tool For Emergency Clean-up.....	15.85	
02 90 55 00-0414 EA Cleaning Swabs, Cotton For Emergency Clean-up.....	0.38	
02 90 55 00-0415 EA Cleaning Swabs, Foam Tip For Emergency Clean-up.....	0.45	
02 90 55 00-0416 EA Contact Restorer, Per Can For Emergency Clean-up.....	34.23	
02 90 55 00-0417 EA Contact Spray, Per Can For Emergency Clean-up .....	23.29	
02 90 55 00-0418 UNT Corrosion Inhibitor Emitter - 1 CF For Emergency Clean-up .....	3.61	
02 90 55 00-0419 UNT Corrosion Inhibitor Emitter - 5 CF For Emergency Clean-up.....	10.35	
02 90 55 00-0420 UNT Corrosion Inhibitor Emitter - 10 CF For Emergency Clean-up.....	13.41	
02 90 55 00-0421 LB Cotton Cleaning Cloths For Emergency Clean-up .....	21.17	
02 90 55 00-0422 EA 12" x 17" Dust Cloths For Emergency Clean-up .....	0.33	
02 90 55 00-0423 EA 24" x 24" Dust Cloths For Emergency Clean-up .....	0.93	
02 90 55 00-0424 EA Deoxidizing Agent, Per Can For Emergency Clean-up.....	16.58	
02 90 55 00-0425 GAL Electronic Grade Detergent For Emergency Clean-up.....	35.23	
02 90 55 00-0426 SHT Inventory Labels For Emergency Clean-up.....	0.19	
02 90 55 00-0427 GAL Isopropyl Alcohol For Emergency Clean-up.....	93.35	
02 90 55 00-0428 GAL Lubrication/Penetrating Oil, Per Can For Emergency Clean-up.....	136.12	
02 90 55 00-0429 GAL PC Board Detergent For Emergency Clean-up.....	96.68	
02 90 55 00-0430 GAL Rust Inhibitor, Regular Duty For Emergency Clean-up.....	157.01	
02 90 55 00-0431 GAL Rust Inhibitor, Moderate Duty For Emergency Clean-up .....	158.18	
02 90 55 00-0432 GAL Rust Inhibitor, Severe Duty For Emergency Clean-up .....	169.08	



<b>Existing Conditions</b>	<b>02</b>	<b>02</b>
Disaster Recovery	02 90	
Emergency Clean-up	02 90 55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0433 LB Wipes, Lint Free Cloths For Emergency Clean-up.....	5.93	
02 90 55 00-0434 EA Wire Marker Card For Emergency Clean-up.....	2.63	
02 90 55 00-0435 EA Steel Wool, 16 Pad Sleeve For Emergency Clean-up .....	1.33	

**END OF SECTION 02**

02

**02 Existing Conditions**

02 90 Disaster Recovery

02 90 55 Emergency Clean-up



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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### 03 Concrete

#### 03 01 Maintenance of Concrete (03)

#### 03 01 30 Maintenance of Cast-In-Place Concrete (03 01)

#### **03 01 30 51 Cleaning of Cast-In-Place Concrete (03 01 30)**

<b>03 01 30 51-0001</b>	<b>Abrasive Blasting</b> <small>(03 01 30 51)</small> Note: Includes containment and clean-up of all material. Includes steel ball media.	
03 01 30 51-0002	SF Concrete Floors, Abrasive Shot (Bead) Blasting.....	3.09
	<i>For Up To 100, Add</i>	2.76
	<i>For &gt;100 To 250, Add</i>	0.69
	<i>For &gt;250 To 500, Add</i>	0.35
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07
	<i>For &gt;10,000, Deduct</i>	-0.14
03 01 30 51-0003	SF Concrete Walls, Abrasive Shot (Bead) Blasting.....	4.47
	<i>For Up To 100, Add</i>	5.52
	<i>For &gt;100 To 250, Add</i>	1.38
	<i>For &gt;250 To 500, Add</i>	0.69
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14
	<i>For &gt;10,000, Deduct</i>	-0.28

#### **03 01 30 71 Rehabilitation of Cast-In-Place Concrete (03 01 30)**

03 01 30 71-0001	Concrete Resurfacing/Repair <small>(03 01 30 71)</small> See CSI section 09 01 90 52-0002 for surface preparation as required.	
03 01 30 71-0002	Concrete Repair <small>(03 01 30 71-0001)</small>	
03 01 30 71-0003	Decks Or Floors <small>(03 01 30 71-0002)</small> Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.	
03 01 30 71-0004	SF Patch Decks Or Floors With 1/8" To 1/4" Thick Cementitious Mortar.....	6.80
03 01 30 71-0005	SF Patch Decks Or Floors With 1/8" To 1/4" Thick Epoxy Cementitious Mortar .....	24.64
03 01 30 71-0006	SF Patch Decks Or Floors With White Aluminum Oxide Grit (Non Slip Aggregate) .....	0.66
03 01 30 71-0007	Verticals Or Overheads <small>(03 01 30 71-0002)</small> Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.	
03 01 30 71-0008	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Cementitious Mortar.....	9.97
03 01 30 71-0009	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Epoxy Cementitious Mortar.....	31.67
03 01 30 71-0010	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Latex Cementitious Mortar .....	36.21
03 01 30 71-0011	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Elastomeric Compound.....	7.66
03 01 30 71-0012	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Copolymer Cementitious Compound.....	13.50
	Note: Rapid Set - WunderFixx	
03 01 30 71-0013	Bridge Deck Treatment <small>(03 01 30 71-0002)</small>	
03 01 30 71-0014	SF Sweep Bridge Deck.....	0.02
03 01 30 71-0015	SF Clean Bridge Deck.....	0.02
03 01 30 71-0016	SF Treat Bridge Deck With Methacrylate Resin Sealant.....	1.87
03 01 30 71-0017	Concrete Finishes <small>(03 01 30 71-0001)</small>	
03 01 30 71-0018	Concrete Patching <small>(03 01 30 71-0017)</small>	
03 01 30 71-0019	Walls <small>(03 01 30 71-0018)</small>	
03 01 30 71-0020	BAG Sika Top 111 Plus.....	144.14
	Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar. Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 lbs. of 3/8" pea gravel).	
	<i>For Up To 10, Add</i>	51.23
	<i>For &gt;10 To 25, Add</i>	30.74
	<i>For &gt;25 To 50, Add</i>	20.49
	<i>For &gt;50 To 75, Add</i>	10.25
03 01 30 71-0021	BAG Sika Grout 212, 50 LB Bag.....	99.66
	Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.	
	<i>For Up To 10, Add</i>	32.46
	<i>For &gt;10 To 25, Add</i>	19.47
	<i>For &gt;25 To 50, Add</i>	12.98
	<i>For &gt;50 To 75, Add</i>	6.49
03 01 30 71-0022	EA Sika Flex 1A, 10.3 Ounce Tube.....	35.18
	Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.	
03 01 30 71-0023	BAG Pea Gravel.....	26.08

#### 03 01 30 71-0024 Crack Repair For Concrete (03 01 30 71-0001)

**03 Concrete****03 01 Maintenance of Concrete****03 01 30 Maintenance of Cast-In-Place Concrete**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 01 30 71-0025	<b>Non Structural Crack Repair For Concrete</b> (03 01 30 71-0024)	
03 01 30 71-0026	<b>Surface Applied, Non Structural Crack Repair For Concrete</b> (03 01 30 71-0025) Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.	
03 01 30 71-0027	LF Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal).....	5.68
	<i>For V-Grooving Crack With Grinder, Add</i>	4.55
03 01 30 71-0028	LF >1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal).....	7.43
	<i>For V-Grooving Crack With Grinder, Add</i>	4.44
03 01 30 71-0029	LF Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair).....	5.79
	<i>For V-Grooving Crack With Grinder, Add</i>	4.55
03 01 30 71-0030	LF >1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair).....	7.65
	<i>For V-Grooving Crack With Grinder, Add</i>	4.44
03 01 30 71-0031	LF Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant).....	6.20
	<i>For V-Grooving Crack With Grinder, Add</i>	4.55
03 01 30 71-0032	LF >1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant).....	8.46
	<i>For V-Grooving Crack With Grinder, Add</i>	4.44
03 01 30 71-0033	LF Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix).....	6.50
	<i>For V-Grooving Crack With Grinder, Add</i>	4.55
03 01 30 71-0034	LF >1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix).....	9.06
	<i>For V-Grooving Crack With Grinder, Add</i>	4.44
03 01 30 71-0035	<b>Pressure Injected, Non Structural Crack Repair For Concrete</b> (03 01 30 71-0025) Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.	
03 01 30 71-0036	LF Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570).....	25.37
	<i>For Cracks Accessible From Both Sides, Add</i>	5.16
03 01 30 71-0037	<b>Structural Crack Repair For Concrete</b> (03 01 30 71-0024)	
03 01 30 71-0038	<b>Surface Applied, Structural Crack Repair For Concrete</b> (03 01 30 71-0037) Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.	
03 01 30 71-0039	LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35).....	6.57
	<i>For V-Grooving Crack With Grinder, Add</i>	4.55
03 01 30 71-0040	LF >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35).....	9.21
	<i>For V-Grooving Crack With Grinder, Add</i>	4.44
03 01 30 71-0041	LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52).....	6.44
	<i>For V-Grooving Crack With Grinder, Add</i>	4.55
03 01 30 71-0042	LF >1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52).....	8.93
	<i>For V-Grooving Crack With Grinder, Add</i>	4.44
03 01 30 71-0043	LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix).....	7.74
	<i>For V-Grooving Crack With Grinder, Add</i>	4.55
03 01 30 71-0044	LF >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix).....	11.54
	<i>For V-Grooving Crack With Grinder, Add</i>	4.44
03 01 30 71-0045	<b>Pressure Injected, Structural Crack Repair For Concrete</b> (03 01 30 71-0037) Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.	
03 01 30 71-0046	LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35).....	22.20
	<i>For Cracks Accessible From Both Sides, Add</i>	5.16
03 01 30 71-0047	LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52).....	22.06
	<i>For Cracks Accessible From Both Sides, Add</i>	5.16
03 01 30 71-0048	<b>Pool Deck Texture Repair</b> (03 01 30 71-0001)	
03 01 30 71-0049	SF Pool Deck Texture Repair.....	16.01
	Note: Includes surface preparation, cleaning, repair of surface, crack repair, liquid underlayment coat, troweled top coat and finish.	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>03 01 30 71-0050 Carbon Fiber Strengthening System</b> <small>(03 01 30 71-0001)</small> Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.		
03 01 30 71-0051 SF Carbon Fiber Strengthening System For Concrete Beams, Per Layer ..... Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	78.96	
03 01 30 71-0052 SF Carbon Fiber Strengthening System For Concrete Columns, Per Layer ..... Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	69.53	
03 01 30 71-0053 SF Carbon Fiber Strengthening System For Concrete Ceiling Slabs, Per Layer..... Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	64.22	
03 01 30 71-0054 SF Carbon Fiber Strengthening System For Walls, Per Layer ..... Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	61.28	
<b>03 01 30 71-0055 Corrosive Inhibitor</b> <small>(03 01 30 71)</small>		
03 01 30 71-0056 SF Corrosive Inhibitor.....	4.83	
<b>03 01 30 72 Strengthening Of Cast-in-Place Concrete</b> <small>(03 01 30)</small>		
<b>03 01 30 72-0001 Concrete Surface Repairs</b> <small>(03 01 30 72)</small>		
03 01 30 72-0002 SF Sound The Concrete Surface To Locate Delaminated Areas .....	0.34	

**03 05 Common Work Results For Concrete** (03)

**03 05 13 Concrete Admixtures** (03 05)

<b>03 05 13 00-0001 Concrete Admixtures</b> <small>(03 05 13)</small>		
03 05 13 00-0002 CY Low Range Water Reducing (LRWR), Type A Concrete Admixture .....	5.40	
03 05 13 00-0003 CY Set Retarding, Type B Concrete Admixture .....	3.74	
03 05 13 00-0004 CY 1% Calcium Chloride Accelerating, Type C Concrete Admixture.....	5.82	
03 05 13 00-0005 CY 2% Calcium Chloride Accelerating, Type C Concrete Admixture.....	11.64	
03 05 13 00-0006 CY 1% Non-Chloride Accelerating, Type C Concrete Admixture.....	10.39	
03 05 13 00-0007 CY 2% Non-Chloride Accelerating, Type C Concrete Admixture.....	20.78	
03 05 13 00-0008 CY Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture .....	4.49	
03 05 13 00-0009 CY 1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture .....	6.23	
03 05 13 00-0010 CY 2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture .....	12.47	
03 05 13 00-0011 CY Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture .....	7.64	
03 05 13 00-0012 CY High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture.....	9.97	
03 05 13 00-0013 CY 1-1/2 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture .....	13.30	
03 05 13 00-0014 CY 25 LB/CY Steel Fibers, Concrete Admixture.....	26.57	
03 05 13 00-0015 CY 10% Microsilica (Silica Fume), Concrete Admixture .....	66.49	
03 05 13 00-0016 CY Corrosion Inhibiting Concrete Admixture .....	24.93	
03 05 13 00-0017 CY Winter Service Or Heat, Concrete Add.....	5.82	
03 05 13 00-0018 CY Chilled Water, Concrete Add .....	5.82	
03 05 13 00-0019 CY Subtle Color (See Davis Colors Color Card), Concrete Admixture .....	33.66	
03 05 13 00-0020 CY Standard Color (See Davis Colors Color Card), Concrete Admixture.....	56.10	
03 05 13 00-0021 CY Premium Color (See Davis Colors Color Card), Concrete Admixture .....	107.71	
03 05 13 00-0022 CY Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture .....	149.60	

**03 10 Concrete Forming and Accessories** (03)

**03 11 Concrete Forming** (03 10)

**03 11 13 Structural Cast-In-Place Concrete Forming** (03 11)

Note: Per square foot of formwork.

<b>03 11 13 00-0001 Wood Formwork</b> <small>(03 11 13)</small> Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
<b>03 11 13 00-0002 Foundation Wood Formwork</b> <small>(03 11 13 00-0001)</small> Note: For foundation work below or at grade.		
03 11 13 00-0003 SF Continuous Footings Foundation Wood Formwork.....	8.30	
For <1,000, Add	1.55	
For Foundations >8' Below Grade, Add	1.49	
For Curved Formwork, Add	2.98	
03 11 13 00-0004 SF Pile Cap, Pier Or Spread Footings Foundation Wood Formwork.....	9.87	
For <1,000, Add	1.85	
For Foundations >8' Below Grade, Add	1.79	
For Curved Formwork, Add	3.59	
03 11 13 00-0005 SF Mat Foundation Wood Formwork.....	11.53	
For <1,000, Add	2.18	
For Foundations >8' Below Grade, Add	2.12	
For Curved Formwork, Add	4.24	
03 11 13 00-0006 SF Grade Beams Or Duct Bank Foundation Wood Formwork .....	9.69	
For <1,000, Add	1.81	
For Foundations >8' Below Grade, Add	1.75	
For Curved Formwork, Add	3.50	

**03 Concrete****03 10 Concrete Forming and Accessories****03 11 Concrete Forming**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0007	SF		Below Grade Walls Foundation Wood Formwork ..... Note: Excludes footing	13.70	
			For <1,000, Add	2.56	
			For Foundations >8' Below Grade, Add	2.47	
			For Curved Formwork, Add	4.95	
<b>03 11 13 00-0008</b>			<b>Slab Edge And Block-Out Wood Formwork</b> (03 11 13 00-0001)		
03 11 13 00-0009	LF		Up To 6" High Slab Edge and Block-Out Wood Formwork ..... For Foundations >8' Below Grade, Add	6.38	
			For Curved Formwork, Add	1.18	
			For Up To 250, Add	2.37	
				1.22	
03 11 13 00-0010	LF		>6" To 12" High Slab Edge and Block-Out Wood Formwork ..... For Foundations >8' Below Grade, Add	9.17	
			For Curved Formwork, Add	1.65	
			For Up To 250, Add	3.31	
				1.71	
03 11 13 00-0011	SF		>12" High Slab Edge and Block-Out Wood Formwork ..... For Foundations >8' Below Grade, Add	11.91	
			For Curved Formwork, Add	2.15	
			For <1,000, Add	4.29	
				2.23	
<b>03 11 13 00-0012</b>			<b>Column Wood Formwork</b> (03 11 13 00-0001)		
03 11 13 00-0013	LF		Up To 8" Square Column Wood Formwork.....	49.52	
03 11 13 00-0014	LF		>8" To 12" Square Column Wood Formwork.....	72.82	
03 11 13 00-0015	LF		>12" To 18" Square Column Wood Formwork.....	91.51	
03 11 13 00-0016	LF		>18" To 24" Square Column Wood Formwork.....	130.90	
03 11 13 00-0017	LF		>24" To 36" Square Column Wood Formwork.....	187.80	
03 11 13 00-0018	LF		>36" To 48" Square Column Wood Formwork.....	247.89	
<b>03 11 13 00-0019</b>			<b>Above Grade Wall Wood Formwork</b> (03 11 13 00-0001)		
03 11 13 00-0020	SF		Up To 8' High Above Grade Wall Wood Formwork..... For Curved Formwork, Add	15.28	
			For <1,000, Add	5.58	
				2.88	
03 11 13 00-0021	SF		>8' High Above Grade Wall Wood Formwork ..... For Curved Formwork, Add	18.06	
			For <1,000, Add	6.61	
				3.41	
<b>03 11 13 00-0022</b>			<b>Elevated Beam Wood Formwork</b> (03 11 13 00-0001)		
			Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0023	SF		Bottom of Elevated Beam Wood Formwork ..... For Curved Formwork, Add	19.82	
			For <1,000, Add	7.25	
				3.74	
03 11 13 00-0024	SF		Vertical Sides of Elevated Beam Wood Formwork..... For Curved Formwork, Add	12.69	
			For <1,000, Add	4.64	
				2.39	
<b>03 11 13 00-0025</b>			<b>Elevated Slab Wood Formwork</b> (03 11 13 00-0001)		
			Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0026	SF		Elevated Slab Wood Formwork..... For <1,000, Add	11.79	
				2.15	
<b>03 11 13 00-0027</b>			<b>Metal Framed Formwork</b> (03 11 13)		
			Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
<b>03 11 13 00-0028</b>			<b>Foundation Metal Framed Formwork</b> (03 11 13 00-0027)		
			Note: For foundation work below or at grade.		
03 11 13 00-0029	SF		Continuous Footings Foundation Metal Framed Formwork ..... For <1,000, Add	7.59	
			For Foundations >8' Below Grade, Add	1.40	
			For Curved Formwork, Add	1.34	
				2.68	
03 11 13 00-0030	SF		Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork ..... For <1,000, Add	8.42	
			For Foundations >8' Below Grade, Add	1.56	
			For Curved Formwork, Add	1.50	
				3.01	
03 11 13 00-0031	SF		Mat Foundation Metal Framed Formwork ..... For <1,000, Add	9.43	
			For Foundations >8' Below Grade, Add	1.73	
			For Curved Formwork, Add	1.66	
				3.32	
03 11 13 00-0032	SF		Grade Beams Or Duct Bank Foundation Metal Framed Formwork..... For <1,000, Add	7.96	
			For Foundations >8' Below Grade, Add	1.46	
			For Curved Formwork, Add	1.40	
				2.79	
03 11 13 00-0033	SF		Below Grade Walls Foundation Metal Framed Formwork..... Note: Excludes footing.	12.13	
			For <1,000, Add	2.26	
			For Foundations >8' Below Grade, Add	2.18	
			For Curved Formwork, Add	4.36	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0034			<b>Slab Edge And Block-Out Metal Framed Formwork</b> (03 11 13 00-0027)		
03 11 13 00-0035	LF		Up To 6" High Slab Edge and Block-Out Metal Framed Formwork .....	5.41	
			<i>For Foundations &gt;8' Below Grade, Add</i>	1.06	
			<i>For Curved Formwork, Add</i>	2.11	
			<i>For &lt;250, Add</i>	1.07	
03 11 13 00-0036	LF		>6" To 12" High Slab Edge and Block-Out Metal Framed Formwork.....	6.78	
			<i>For Foundations &gt;8' Below Grade, Add</i>	1.31	
			<i>For Curved Formwork, Add</i>	2.63	
			<i>For &lt;250, Add</i>	1.33	
03 11 13 00-0037	SF		>12" High Slab Edge and Block-Out Metal Framed Formwork.....	7.50	
			<i>For Foundations &gt;8' Below Grade, Add</i>	1.45	
			<i>For Curved Formwork, Add</i>	2.90	
			<i>For &lt;1,000, Add</i>	1.47	
03 11 13 00-0038			<b>Column Metal Framed Formwork</b> (03 11 13 00-0027)		
03 11 13 00-0039			<b>Square Columns</b> (03 11 13 00-0038)		
03 11 13 00-0040	LF		Up To 12" Square Column Metal Framed Formwork .....	46.17	
03 11 13 00-0041	LF		>12" To 16" Square Column Metal Framed Formwork .....	55.77	
03 11 13 00-0042	LF		>16" To 20" Square Column Metal Framed Formwork .....	65.41	
03 11 13 00-0043	LF		>20" To 24" Square Column Metal Framed Formwork .....	78.15	
03 11 13 00-0044	LF		>24" To 30" Square Column Metal Framed Formwork .....	94.15	
03 11 13 00-0045	LF		>30" To 36" Square Column Metal Framed Formwork .....	113.04	
03 11 13 00-0046	LF		>36" To 48" Square Column Metal Framed Formwork .....	145.02	
03 11 13 00-0047	LF		>48" To 60" Square Column Metal Framed Formwork .....	178.85	
03 11 13 00-0048			<b>Round Columns</b> (03 11 13 00-0038)		
03 11 13 00-0049	LF		Up To 12" Diameter Column Metal Formwork .....	45.10	
03 11 13 00-0050	LF		>12" To 16" Diameter Column Metal Formwork.....	50.18	
03 11 13 00-0051	LF		>16" To 20" Diameter Column Metal Formwork.....	57.62	
03 11 13 00-0052	LF		>20" To 24" Diameter Column Metal Formwork.....	67.22	
03 11 13 00-0053	LF		>24" To 30" Diameter Column Metal Formwork.....	79.38	
03 11 13 00-0054	LF		>30" To 36" Diameter Column Metal Formwork.....	90.93	
03 11 13 00-0055	LF		>36" To 48" Diameter Column Metal Formwork.....	117.76	
03 11 13 00-0056	LF		>48" To 60" Diameter Column Metal Formwork.....	153.41	
03 11 13 00-0057			<b>Above Grade Wall Metal Framed Formwork</b> (03 11 13 00-0027)		
03 11 13 00-0058	SF		Up to 8' High Above Grade Wall Metal Framed Formwork .....	7.44	
			<i>For Curved Formwork, Add</i>	2.49	
			<i>For &lt;1,000, Add</i>	1.33	
03 11 13 00-0059	SF		>8' High Above Grade Wall Metal Framed Formwork.....	9.07	
			<i>For Curved Formwork, Add</i>	3.00	
			<i>For &lt;1,000, Add</i>	1.60	
03 11 13 00-0060			<b>Elevated Beam Metal Framed Formwork</b> (03 11 13 00-0027)		
			Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0061	SF		Bottom of Elevated Beam Metal Framed Formwork .....	7.33	
			<i>For Curved Formwork, Add</i>	2.31	
			<i>For &lt;1,000, Add</i>	1.26	
03 11 13 00-0062	SF		Vertical Sides of Elevated Beam Metal Framed Formwork.....	5.54	
			<i>For Curved Formwork, Add</i>	1.82	
			<i>For &lt;1,000, Add</i>	0.98	
03 11 13 00-0063			<b>Elevated Slab Metal Framed Formwork</b> (03 11 13 00-0027)		
			Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0064	SF		Elevated Slab Metal Framed Formwork.....	9.72	
			<i>For &lt;1,000, Add</i>	1.50	
03 11 13 00-0065			<b>Fiber Tube Formwork</b> (03 11 13)		
			Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.		
03 11 13 00-0066			<b>Round Column Fiber Tube Formwork</b> (03 11 13 00-0065)		
03 11 13 00-0067	LF		6" Diameter Round Fiber Tube Formwork .....	19.05	
			<i>For Plastic Lined, Add</i>	0.68	
			<i>For Columns &gt;12' In Length, Add</i>	1.91	
03 11 13 00-0068	LF		8" Diameter Round Fiber Tube Formwork .....	20.08	
			<i>For Plastic Lined, Add</i>	0.80	
			<i>For Columns &gt;12' In Length, Add</i>	2.01	
03 11 13 00-0069	LF		10" Diameter Round Fiber Tube Formwork .....	22.17	
			<i>For Plastic Lined, Add</i>	0.92	
			<i>For Columns &gt;12' In Length, Add</i>	2.22	
03 11 13 00-0070	LF		12" Diameter Round Fiber Tube Formwork .....	26.11	
			<i>For Plastic Lined, Add</i>	1.32	
			<i>For Columns &gt;12' In Length, Add</i>	2.61	
03 11 13 00-0071	LF		14" Diameter Round Fiber Tube Formwork .....	29.47	
			<i>For Plastic Lined, Add</i>	1.79	
			<i>For Columns &gt;12' In Length, Add</i>	2.95	

**03 Concrete****03 10 Concrete Forming and Accessories****03 11 Concrete Forming**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0072	LF		16" Diameter Round Fiber Tube Formwork .....	31.88	
			<i>For Plastic Lined, Add</i>	2.26	
			<i>For Columns &gt;12' In Length, Add</i>	3.19	
03 11 13 00-0073	LF		18" Diameter Round Fiber Tube Formwork .....	33.48	
			<i>For Plastic Lined, Add</i>	2.46	
			<i>For Columns &gt;12' In Length, Add</i>	3.35	
03 11 13 00-0074	LF		20" Diameter Round Fiber Tube Formwork .....	36.45	
			<i>For Plastic Lined, Add</i>	3.07	
			<i>For Columns &gt;12' In Length, Add</i>	3.65	
03 11 13 00-0075	LF		22" Diameter Round Fiber Tube Formwork .....	39.87	
			<i>For Plastic Lined, Add</i>	3.70	
			<i>For Columns &gt;12' In Length, Add</i>	3.99	
03 11 13 00-0076	LF		24" Diameter Round Fiber Tube Formwork .....	43.30	
			<i>For Plastic Lined, Add</i>	4.34	
			<i>For Columns &gt;12' In Length, Add</i>	4.33	
03 11 13 00-0077	LF		26" Diameter Round Fiber Tube Formwork .....	45.14	
			<i>For Plastic Lined, Add</i>	4.73	
			<i>For Columns &gt;12' In Length, Add</i>	4.51	
03 11 13 00-0078	LF		28" Diameter Round Fiber Tube Formwork .....	47.96	
			<i>For Plastic Lined, Add</i>	5.42	
			<i>For Columns &gt;12' In Length, Add</i>	4.80	
03 11 13 00-0079	LF		30" Diameter Round Fiber Tube Formwork .....	51.00	
			<i>For Plastic Lined, Add</i>	6.17	
			<i>For Columns &gt;12' In Length, Add</i>	5.10	
03 11 13 00-0080	LF		36" Diameter Round Fiber Tube Formwork .....	61.77	
			<i>For Plastic Lined, Add</i>	8.84	
			<i>For Columns &gt;12' In Length, Add</i>	6.18	
03 11 13 00-0081	LF		42" Diameter Round Fiber Tube Formwork .....	83.72	
			<i>For Plastic Lined, Add</i>	15.01	
			<i>For Columns &gt;12' In Length, Add</i>	8.37	
03 11 13 00-0082	LF		48" Diameter Round Fiber Tube Formwork .....	99.52	
			<i>For Plastic Lined, Add</i>	19.34	
			<i>For Columns &gt;12' In Length, Add</i>	9.95	
03 11 13 00-0083	LF		54" Diameter Round Fiber Tube Formwork .....	164.44	
			<i>For Plastic Lined, Add</i>	38.16	
			<i>For Columns &gt;12' In Length, Add</i>	16.44	
03 11 13 00-0084	LF		60" Diameter Round Fiber Tube Formwork .....	182.66	
			<i>For Plastic Lined, Add</i>	43.12	
			<i>For Columns &gt;12' In Length, Add</i>	18.27	
03 11 13 00-0085			<b>Accessories For Formwork</b> (03 11 13)		
03 11 13 00-0086			<b>Keyway Forms, All Materials</b> (03 11 13 00-0085)		
03 11 13 00-0087	LF		2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials.....	2.35	
03 11 13 00-0088			<b>Chamfer Strips, All Materials</b> (03 11 13 00-0085)		
03 11 13 00-0089	LF		1/2" Wide Chamfer Strips for Concrete Formwork, All Materials.....	2.49	
03 11 13 00-0090	LF		3/4" Wide Chamfer Strips for Concrete Formwork, All Materials.....	2.87	
03 11 13 00-0091	LF		1" Wide Chamfer Strips for Concrete Formwork, All Materials.....	3.32	
03 11 13 00-0092			<b>Strip Out Reglets For Concrete Formwork</b> (03 11 13 00-0085)		
03 11 13 00-0093	LF		24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork.....	11.49	
03 11 13 00-0094			<b>Sleeves And Chases, Plastic Or Sheet Metal</b> (03 11 13 00-0085)		
03 11 13 00-0095	EA		2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	15.05	
03 11 13 00-0096	EA		4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	18.67	
03 11 13 00-0097	EA		6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	22.62	
03 11 13 00-0098	EA		8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	26.54	
03 11 13 00-0099	EA		12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	34.45	
03 11 13 00-0100	EA		18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	82.38	
03 11 16			<b>Architectural Cast-In-Place Concrete Forming</b> (03 11)		
03 11 16 13			<b>Concrete Form Liners</b> (03 11 16)		
03 11 16 13-0001			<b>Concrete Form Liners</b> (03 11 16 13)		
03 11 16 13-0002	SF		Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork.....	6.14	
03 11 16 13-0003	SF		Beveled Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork .....	7.73	
03 11 16 13-0004	SF		Square Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork.....	10.11	
03 11 23			<b>Permanent Stair Forming</b> (03 11)		
03 11 23 00-0001			<b>Stairway Wood Formwork</b> (03 11 23)		
03 11 23 00-0002	SF		Cast On Grade Stairway Wood Formwork.....	19.06	
			<i>For Curved Formwork, Add</i>	7.32	
			<i>For &lt;1,000, Add</i>	3.71	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	03 11 23 00-0003	SF		Elevated Stairway Wood Formwork ..... Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair. <i>For Curved Formwork, Add</i> <i>For &lt;1,000, Add</i>	38.20 14.38 7.34	
	03 11 23 00-0004			<b>Stairway Metal Framed Formwork</b> (03 11 23)		
	03 11 23 00-0005	SF		Cast On Grade Stairway Metal Framed Formwork ..... <i>For Curved Formwork, Add</i> <i>For &lt;1,000, Add</i>	15.87 6.02 3.06	
	03 11 23 00-0006	SF		Elevated Stairway Metal Framed Formwork ..... Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair. <i>For Curved Formwork, Add</i> <i>For &lt;1,000, Add</i>	29.35 11.16 5.68	
	03 15			<b>Concrete Accessories</b> (03 10)		
	03 15 13			<b>Waterstops</b> (03 15)		
	03 15 13 13			<b>Non-Expanding Waterstops</b> (03 15 13)		
	03 15 13 13-0001			<b>Polyvinyl Chloride (PVC) Waterstops</b> (03 15 13 13)		
	03 15 13 13-0002	LF		3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop .....	9.73	
	03 15 13 13-0003	LF		3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop .....	11.06	
	03 15 13 13-0004	LF		3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb .....	13.61	
	03 15 13 13-0005	LF		3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb .....	15.09	
	03 15 13 13-0006	LF		1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop .....	23.95	
	03 15 13 13-0007	LF		3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop .....	11.40	
	03 15 13 13-0008	LF		3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop .....	14.04	
	03 15 13 13-0009	LF		3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop .....	26.39	
	03 15 13 13-0010	LF		3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb .....	20.31	
	03 15 13 13-0011			<b>Rubber Waterstops</b> (03 15 13 13)		
	03 15 13 13-0012	LF		3/8" Thick x 6" Wide Rubber Dumbbell Waterstop .....	9.91	
	03 15 13 13-0013	LF		3/8" Thick x 9" Wide Rubber Dumbbell Waterstop .....	11.26	
	03 15 13 13-0014	LF		1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb .....	10.07	
	03 15 13 13-0015	LF		1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb .....	13.44	
	03 15 13 13-0016	LF		3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb .....	11.50	
	03 15 13 13-0017	LF		3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb .....	14.41	
	03 15 13 16			<b>Expanding Waterstops</b> (03 15 13)		
	03 15 13 16-0001			<b>Bentonite Waterstops</b> (03 15 13 16)		
	03 15 13 16-0002	LF		3/4" x 3/8" Bentonite Waterstop .....	8.87	
	03 15 13 16-0003	LF		1-1/4" x 1/2" Bentonite Waterstop .....	13.98	
	03 15 13 16-0004	LF		1" x 3/4" Bentonite Waterstop .....	15.79	
	03 15 13 16-0005	LF		1" x 1" Bentonite Waterstop .....	18.10	
	03 15 16			<b>Concrete Construction Joints</b> (03 15)		
	03 15 16 00-0001			<b>Poured Expansion Joint</b> (03 15 16)		
	03 15 16 00-0002	LF		1/2" x 1" Plain Asphalt Expansion Joint, Poured .....	2.75	0.79
				<i>For Installation In Walls, Add</i>	1.32	
	03 15 16 00-0003	LF		1" x 2" Plain Asphalt Expansion Joint, Poured .....	5.96	0.79
				<i>For Installation In Walls, Add</i>	1.48	
	03 15 16 00-0004	LF		1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied .....	2.63	0.79
				<i>For Installation In Walls, Add</i>	1.32	
	03 15 16 00-0005	LF		1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied .....	5.47	0.79
				<i>For Installation In Walls, Add</i>	1.48	
	03 15 16 00-0006	LF		1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts .....	3.59	0.79
				<i>For Installation In Walls, Add</i>	1.48	
	03 15 16 00-0007	LF		1" x 2" Polyurethane Expansion Joint, Poured, Poured, 2 Parts .....	6.42	0.79
				<i>For Installation In Walls, Add</i>	2.40	
	03 15 16 00-0008	LF		1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied .....	3.03	0.79
				<i>For Installation In Walls, Add</i>	1.32	
	03 15 16 00-0009	LF		1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant .....	3.69	0.79
				<i>For Installation In Walls, Add</i>	1.32	
	03 15 16 00-0010	LF		1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant .....	9.37	0.79
				<i>For Installation In Walls, Add</i>	1.48	
	03 15 16 00-0011			<b>Premolded Expansion Joints</b> (03 15 16)		
	03 15 16 00-0012			<b>Asphalt Saturated Fiber, Premolded Expansion Joints</b> (03 15 16 00-0011)		
	03 15 16 00-0013	LF		1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint .....	2.51	1.17
	03 15 16 00-0014	LF		1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint .....	2.84	1.23
	03 15 16 00-0015	LF		1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint .....	3.05	1.29
	03 15 16 00-0016	LF		1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint .....	3.27	1.35
	03 15 16 00-0017	LF		3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint .....	2.70	1.17



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0018 LF 3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint.....	2.99	1.23
03 15 16 00-0019 LF 3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint.....	3.33	1.29
03 15 16 00-0020 LF 3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint.....	3.81	1.35
03 15 16 00-0021 LF 1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint.....	2.46	1.12
03 15 16 00-0022 LF 1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint.....	2.67	1.17
03 15 16 00-0023 LF 1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint.....	2.91	1.23
03 15 16 00-0024 LF 1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint.....	3.12	1.29
03 15 16 00-0025 LF 1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint.....	3.38	1.35
03 15 16 00-0026 LF 1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint.....	3.71	1.41
03 15 16 00-0027 LF 1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint.....	3.98	1.46
03 15 16 00-0028 LF 1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint.....	4.43	1.52
03 15 16 00-0029 LF 3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint.....	2.93	1.23
03 15 16 00-0030 LF 3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint.....	3.32	1.29
03 15 16 00-0031 LF 3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint.....	4.00	1.41
03 15 16 00-0032 SF 1" Asphalt Saturated Fiber, Premolded Expansion Joint.....	6.77	1.93
<b>03 15 16 00-0033 Cork, Premolded Expansion Joints (03 15 16 00-0011)</b>		
03 15 16 00-0034 LF 1/2" x 4" Cork, Premolded Expansion Joint.....	4.02	1.23
03 15 16 00-0035 LF 1/2" x 6" Cork, Premolded Expansion Joint.....	4.52	1.35
03 15 16 00-0036 LF 1/2" x 8" Cork, Premolded Expansion Joint.....	4.88	1.41
03 15 16 00-0037 LF 1/2" x 10" Cork, Premolded Expansion Joint.....	6.69	1.46
03 15 16 00-0038 LF 1/2" x 12" Cork, Premolded Expansion Joint.....	7.11	1.52
03 15 16 00-0039 SF 1/2" Cork, Premolded Expansion Joint.....	7.92	1.93
03 15 16 00-0040 SF 3/4" Cork, Premolded Expansion Joint.....	9.09	1.93
03 15 16 00-0041 SF 1" Cork, Premolded Expansion Joint.....	9.62	1.93
<b>03 15 16 00-0042 Flexible Polyethylene Foam, Premolded Expansion Joints (03 15 16 00-0011)</b>		
03 15 16 00-0043 LF 1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint.....	2.70	1.23
03 15 16 00-0044 LF 1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint.....	2.83	1.29
03 15 16 00-0045 LF 1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint.....	2.98	1.35
03 15 16 00-0046 LF 1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint.....	3.40	1.41
03 15 16 00-0047 LF 1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint.....	2.77	1.23
03 15 16 00-0048 LF 1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint.....	2.90	1.29
03 15 16 00-0049 LF 1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint.....	3.03	1.35
03 15 16 00-0050 LF 1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint.....	3.29	1.41
<b>03 15 16 00-0051 Zip Strip, Premolded Expansion Joints (03 15 16 00-0011)</b>		
03 15 16 00-0052 LF 1" Zip Strip, Premolded Expansion Joint.....	2.73	1.23
03 15 16 00-0053 LF 1-1/2" Zip Strip, Premolded Expansion Joint.....	2.97	1.29
03 15 16 00-0054 LF 2" Zip Strip, Premolded Expansion Joint.....	3.29	1.41
<b>03 15 16 00-0055 Sponge Rubber, Premolded Expansion Joints (03 15 16 00-0011)</b>		
03 15 16 00-0056 LF 1/2" x 4" Sponge Rubber, Premolded Expansion Joint.....	4.38	1.17
03 15 16 00-0057 LF 1/2" x 6" Sponge Rubber, Premolded Expansion Joint.....	5.24	1.17
<b>03 15 16 00-0058 Asphalt Felt Control Joints Or Bond Breaker (03 15 16)</b>		
03 15 16 00-0059 SF Asphalt Felt Control Joint, 30 LB Felt Bond Breaker.....	1.28	0.88
>1,250, Deduct	-0.06	
03 15 16 00-0060 SF Asphalt Felt Control Joint, 15 LB Felt Bond Breaker.....	1.22	0.88
>1,250, Deduct	-0.06	
<b>03 15 16 00-0061 Keyed Cold Expansion And Control Joints (03 15 16)</b>		
<b>03 15 16 00-0062 24 Gauge Galvanized Steel With Stakes (03 15 16 00-0061)</b>		
03 15 16 00-0063 LF 24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint.....	6.86	
03 15 16 00-0064 LF 24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint.....	7.01	
03 15 16 00-0065 LF 24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint.....	7.28	
03 15 16 00-0066 LF 24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint.....	7.75	
03 15 16 00-0067 LF 24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint.....	9.94	
<b>03 15 19 Cast-In Concrete Anchors (03 15)</b>		
<b>03 15 19 00-0001 Cast In Place Anchors (03 15 19)</b>		
Note: For cast in place installations. Includes nut and washer.		
<b>03 15 19 00-0002 J-Type Anchor Bolts (03 15 19 00-0001)</b>		
See CSI section 03 11 13 00-0002 for template.		
<b>03 15 19 00-0003 1/2" And 5/8" Diameter (03 15 19 00-0002)</b>		
03 15 19 00-0004 EA 1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	8.75	
For Galvanized, Add	1.05	
For Stainless Steel, Add	7.35	
For >10 To 50, Deduct	-0.33	
For >50 To 100, Deduct	-0.72	
For >100, Deduct	-1.44	



<b>Concrete</b>	<b>03</b>	<b>CS</b>
<b>Concrete Forming and Accessories</b>	<b>03 10</b>	
<b>Concrete Accessories</b>	<b>03 15</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0005 EA 1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	9.85	
For Galvanized, Add	1.34	
For Stainless Steel, Add	9.38	
For >10 To 50, Deduct	-0.36	
For >50 To 100, Deduct	-0.78	
For >100, Deduct	-1.57	
03 15 19 00-0006 EA 1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	11.45	
For Galvanized, Add	1.85	
For Stainless Steel, Add	12.92	
For >10 To 50, Deduct	-0.39	
For >50 To 100, Deduct	-0.87	
For >100, Deduct	-1.74	
03 15 19 00-0007 EA 5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	12.57	
For Galvanized, Add	2.41	
For Stainless Steel, Add	16.84	
For >10 To 50, Deduct	-0.39	
For >50 To 100, Deduct	-0.90	
For >100, Deduct	-1.79	
03 15 19 00-0008 EA 5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	14.91	
For Galvanized, Add	3.22	
For Stainless Steel, Add	22.51	
For >10 To 50, Deduct	-0.42	
For >50 To 100, Deduct	-1.01	
For >100, Deduct	-2.02	
03 15 19 00-0009 EA 5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	16.67	
For Galvanized, Add	3.68	
For Stainless Steel, Add	25.73	
For >10 To 50, Deduct	-0.47	
For >50 To 100, Deduct	-1.12	
For >100, Deduct	-2.23	
<b>03 15 19 00-0010 3/4" And 7/8" Diameter</b> <small>(03 15 19 00-0002)</small>		
03 15 19 00-0011 EA 3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	16.61	
For Galvanized, Add	3.65	
For Stainless Steel, Add	25.52	
For >10 To 50, Deduct	-0.47	
For >50 To 100, Deduct	-1.11	
For >100, Deduct	-2.23	
03 15 19 00-0012 EA 3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	18.85	
For Galvanized, Add	4.25	
For Stainless Steel, Add	29.75	
For >10 To 50, Deduct	-0.52	
For >50 To 100, Deduct	-1.25	
For >100, Deduct	-2.50	
03 15 19 00-0013 EA 3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	22.54	
For Galvanized, Add	5.45	
For Stainless Steel, Add	38.12	
For >10 To 50, Deduct	-0.58	
For >50 To 100, Deduct	-1.44	
For >100, Deduct	-2.87	
03 15 19 00-0014 EA 3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	26.77	
For Galvanized, Add	6.86	
For Stainless Steel, Add	48.02	
For >10 To 50, Deduct	-0.65	
For >50 To 100, Deduct	-1.65	
For >100, Deduct	-3.30	
03 15 19 00-0015 EA 7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	21.62	
For Galvanized, Add	4.99	
For Stainless Steel, Add	34.90	
For >10 To 50, Deduct	-0.58	
For >50 To 100, Deduct	-1.41	
For >100, Deduct	-2.83	
03 15 19 00-0016 EA 7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	25.25	
For Galvanized, Add	5.97	
For Stainless Steel, Add	41.79	
For >10 To 50, Deduct	-0.67	
For >50 To 100, Deduct	-1.63	
For >100, Deduct	-3.26	
03 15 19 00-0017 EA 7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	31.44	
For Galvanized, Add	7.96	
For Stainless Steel, Add	55.69	
For >10 To 50, Deduct	-0.78	
For >50 To 100, Deduct	-1.95	
For >100, Deduct	-3.90	
<b>03 15 19 00-0018 1" And 1-1/8" Diameter</b> <small>(03 15 19 00-0002)</small>		
03 15 19 00-0019 EA 1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	26.21	
For Galvanized, Add	6.45	
For Stainless Steel, Add	45.15	
For >10 To 50, Deduct	-0.67	
For >50 To 100, Deduct	-1.65	
For >100, Deduct	-3.31	

**03 Concrete****03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0020	EA		1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	31.05	
			<i>For Galvanized, Add</i>	7.76	
			<i>For Stainless Steel, Add</i>	54.32	
			<i>For &gt;10 To 50, Deduct</i>	-0.78	
			<i>For &gt;50 To 100, Deduct</i>	-1.94	
			<i>For &gt;100, Deduct</i>	-3.88	
03 15 19 00-0021	EA		1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	38.08	
			<i>For Galvanized, Add</i>	9.73	
			<i>For Stainless Steel, Add</i>	68.08	
			<i>For &gt;10 To 50, Deduct</i>	-0.93	
			<i>For &gt;50 To 100, Deduct</i>	-2.35	
			<i>For &gt;100, Deduct</i>	-4.70	
03 15 19 00-0022	EA		1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	47.06	
			<i>For Galvanized, Add</i>	11.89	
			<i>For Stainless Steel, Add</i>	83.20	
			<i>For &gt;10 To 50, Deduct</i>	-1.16	
			<i>For &gt;50 To 100, Deduct</i>	-2.92	
			<i>For &gt;100, Deduct</i>	-5.85	
03 15 19 00-0023	EA		1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	30.74	
			<i>For Galvanized, Add</i>	8.06	
			<i>For Stainless Steel, Add</i>	56.42	
			<i>For &gt;10 To 50, Deduct</i>	-0.73	
			<i>For &gt;50 To 100, Deduct</i>	-1.87	
			<i>For &gt;100, Deduct</i>	-3.73	
03 15 19 00-0024	EA		1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	36.44	
			<i>For Galvanized, Add</i>	9.70	
			<i>For Stainless Steel, Add</i>	67.90	
			<i>For &gt;10 To 50, Deduct</i>	-0.85	
			<i>For &gt;50 To 100, Deduct</i>	-2.19	
			<i>For &gt;100, Deduct</i>	-4.38	
03 15 19 00-0025	EA		1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	44.78	
			<i>For Galvanized, Add</i>	12.16	
			<i>For Stainless Steel, Add</i>	85.12	
			<i>For &gt;10 To 50, Deduct</i>	-1.02	
			<i>For &gt;50 To 100, Deduct</i>	-2.65	
			<i>For &gt;100, Deduct</i>	-5.31	
03 15 19 00-0026	EA		1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	55.28	
			<i>For Galvanized, Add</i>	14.86	
			<i>For Stainless Steel, Add</i>	103.99	
			<i>For &gt;10 To 50, Deduct</i>	-1.28	
			<i>For &gt;50 To 100, Deduct</i>	-3.30	
			<i>For &gt;100, Deduct</i>	-6.60	
03 15 19 00-0027			<b>1-1/4" And 1-1/2" Diameter</b> <small>(03 15 19 00-0002)</small> .....	36.34	
03 15 19 00-0028	EA		1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	36.34	
			<i>For Galvanized, Add</i>	10.08	
			<i>For Stainless Steel, Add</i>	70.53	
			<i>For &gt;10 To 50, Deduct</i>	-0.81	
			<i>For &gt;50 To 100, Deduct</i>	-2.12	
			<i>For &gt;100, Deduct</i>	-4.25	
03 15 19 00-0029	EA		1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	43.13	
			<i>For Galvanized, Add</i>	12.13	
			<i>For Stainless Steel, Add</i>	84.91	
			<i>For &gt;10 To 50, Deduct</i>	-0.94	
			<i>For &gt;50 To 100, Deduct</i>	-2.49	
			<i>For &gt;100, Deduct</i>	-4.99	
03 15 19 00-0030	EA		1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	53.07	
			<i>For Galvanized, Add</i>	15.21	
			<i>For Stainless Steel, Add</i>	106.44	
			<i>For &gt;10 To 50, Deduct</i>	-1.13	
			<i>For &gt;50 To 100, Deduct</i>	-3.03	
			<i>For &gt;100, Deduct</i>	-6.05	
03 15 19 00-0031	EA		1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	65.46	
			<i>For Galvanized, Add</i>	18.57	
			<i>For Stainless Steel, Add</i>	129.99	
			<i>For &gt;10 To 50, Deduct</i>	-1.42	
			<i>For &gt;50 To 100, Deduct</i>	-3.76	
			<i>For &gt;100, Deduct</i>	-7.52	
03 15 19 00-0032	EA		1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	43.34	
			<i>For Galvanized, Add</i>	12.60	
			<i>For Stainless Steel, Add</i>	88.17	
			<i>For &gt;10 To 50, Deduct</i>	-0.91	
			<i>For &gt;50 To 100, Deduct</i>	-2.44	
			<i>For &gt;100, Deduct</i>	-4.89	
03 15 19 00-0033	EA		1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	51.50	
			<i>For Galvanized, Add</i>	15.16	
			<i>For Stainless Steel, Add</i>	106.12	
			<i>For &gt;10 To 50, Deduct</i>	-1.06	
			<i>For &gt;50 To 100, Deduct</i>	-2.88	
			<i>For &gt;100, Deduct</i>	-5.75	





<b>Concrete</b>	<b>03</b>	<b>CS</b>
<b>Concrete Forming and Accessories</b>	<b>03 10</b>	
<b>Concrete Accessories</b>	<b>03 15</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0034 EA 1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	63.44	
For Galvanized, Add	19.01	
For Stainless Steel, Add	133.07	
For >10 To 50, Deduct	-1.27	
For >50 To 100, Deduct	-3.49	
For >100, Deduct	-6.99	
03 15 19 00-0035 EA 1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	78.18	
For Galvanized, Add	23.21	
For Stainless Steel, Add	162.47	
For >10 To 50, Deduct	-1.59	
For >50 To 100, Deduct	-4.34	
For >100, Deduct	-8.67	
<b>03 15 19 00-0036 L-Type Anchor Bolts</b> (03 15 19 00-0001)		
See CSI section 03 11 13 00-0002 for template.		
<b>03 15 19 00-0037 3/4" And 7/8" Diameter</b> (03 15 19 00-0036)		
03 15 19 00-0038 EA 3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	15.93	
For Galvanized, Add	2.79	
For Stainless Steel, Add	19.53	
For >10 To 50, Deduct	-0.52	
For >50 To 100, Deduct	-1.17	
For >100, Deduct	-2.35	
03 15 19 00-0039 EA 3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	18.54	
For Galvanized, Add	3.45	
For Stainless Steel, Add	24.12	
For >10 To 50, Deduct	-0.58	
For >50 To 100, Deduct	-1.34	
For >100, Deduct	-2.67	
03 15 19 00-0040 EA 3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	21.21	
For Galvanized, Add	3.95	
For Stainless Steel, Add	27.65	
For >10 To 50, Deduct	-0.67	
For >50 To 100, Deduct	-1.53	
For >100, Deduct	-3.06	
03 15 19 00-0041 EA 3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	23.73	
For Galvanized, Add	4.10	
For Stainless Steel, Add	28.70	
For >10 To 50, Deduct	-0.78	
For >50 To 100, Deduct	-1.76	
For >100, Deduct	-3.52	
03 15 19 00-0042 EA 3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	27.24	
For Galvanized, Add	4.31	
For Stainless Steel, Add	30.14	
For >10 To 50, Deduct	-0.93	
For >50 To 100, Deduct	-2.08	
For >100, Deduct	-4.16	
03 15 19 00-0043 EA 7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	18.56	
For Galvanized, Add	3.46	
For Stainless Steel, Add	24.19	
For >10 To 50, Deduct	-0.58	
For >50 To 100, Deduct	-1.34	
For >100, Deduct	-2.68	
03 15 19 00-0044 EA 7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	21.36	
For Galvanized, Add	4.03	
For Stainless Steel, Add	28.18	
For >10 To 50, Deduct	-0.67	
For >50 To 100, Deduct	-1.53	
For >100, Deduct	-3.06	
03 15 19 00-0045 EA 7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	24.77	
For Galvanized, Add	4.62	
For Stainless Steel, Add	32.34	
For >10 To 50, Deduct	-0.78	
For >50 To 100, Deduct	-1.78	
For >100, Deduct	-3.57	
03 15 19 00-0046 EA 7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	28.22	
For Galvanized, Add	4.80	
For Stainless Steel, Add	33.57	
For >10 To 50, Deduct	-0.93	
For >50 To 100, Deduct	-2.10	
For >100, Deduct	-4.21	
03 15 19 00-0047 EA 7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	33.36	
For Galvanized, Add	5.04	
For Stainless Steel, Add	35.25	
For >10 To 50, Deduct	-1.16	
For >50 To 100, Deduct	-2.58	
For >100, Deduct	-5.16	
<b>03 15 19 00-0048 1" And 1-1/8" Diameter</b> (03 15 19 00-0036)		

**03 Concrete****03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0049	EA		1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	22.18	
			<i>For Galvanized, Add</i>	4.44	
			<i>For Stainless Steel, Add</i>	31.05	
			<i>For &gt;10 To 50, Deduct</i>	-0.67	
			<i>For &gt;50 To 100, Deduct</i>	-1.55	
			<i>For &gt;100, Deduct</i>	-3.11	
03 15 19 00-0050	EA		1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	25.50	
			<i>For Galvanized, Add</i>	4.99	
			<i>For Stainless Steel, Add</i>	34.90	
			<i>For &gt;10 To 50, Deduct</i>	-0.78	
			<i>For &gt;50 To 100, Deduct</i>	-1.80	
			<i>For &gt;100, Deduct</i>	-3.60	
03 15 19 00-0051	EA		1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	29.78	
			<i>For Galvanized, Add</i>	5.58	
			<i>For Stainless Steel, Add</i>	39.03	
			<i>For &gt;10 To 50, Deduct</i>	-0.93	
			<i>For &gt;50 To 100, Deduct</i>	-2.14	
			<i>For &gt;100, Deduct</i>	-4.28	
03 15 19 00-0052	EA		1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	31.93	
			<i>For Galvanized, Add</i>	5.84	
			<i>For Stainless Steel, Add</i>	40.88	
			<i>For &gt;10 To 50, Deduct</i>	-1.01	
			<i>For &gt;50 To 100, Deduct</i>	-2.32	
			<i>For &gt;100, Deduct</i>	-4.63	
03 15 19 00-0053	EA		1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	35.52	
			<i>For Galvanized, Add</i>	6.12	
			<i>For Stainless Steel, Add</i>	42.81	
			<i>For &gt;10 To 50, Deduct</i>	-1.16	
			<i>For &gt;50 To 100, Deduct</i>	-2.63	
			<i>For &gt;100, Deduct</i>	-5.27	
03 15 19 00-0054	EA		1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	40.05	
			<i>For Galvanized, Add</i>	7.09	
			<i>For Stainless Steel, Add</i>	49.60	
			<i>For &gt;10 To 50, Deduct</i>	-1.29	
			<i>For &gt;50 To 100, Deduct</i>	-2.94	
			<i>For &gt;100, Deduct</i>	-5.88	
03 15 19 00-0055	EA		1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	47.64	
			<i>For Galvanized, Add</i>	8.29	
			<i>For Stainless Steel, Add</i>	58.03	
			<i>For &gt;10 To 50, Deduct</i>	-1.55	
			<i>For &gt;50 To 100, Deduct</i>	-3.52	
			<i>For &gt;100, Deduct</i>	-7.04	
03 15 19 00-0056	EA		1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	27.19	
			<i>For Galvanized, Add</i>	5.83	
			<i>For Stainless Steel, Add</i>	40.81	
			<i>For &gt;10 To 50, Deduct</i>	-0.78	
			<i>For &gt;50 To 100, Deduct</i>	-1.84	
			<i>For &gt;100, Deduct</i>	-3.69	
03 15 19 00-0057	EA		1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	31.68	
			<i>For Galvanized, Add</i>	6.53	
			<i>For Stainless Steel, Add</i>	45.68	
			<i>For &gt;10 To 50, Deduct</i>	-0.93	
			<i>For &gt;50 To 100, Deduct</i>	-2.19	
			<i>For &gt;100, Deduct</i>	-4.38	
03 15 19 00-0058	EA		1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	33.91	
			<i>For Galvanized, Add</i>	6.83	
			<i>For Stainless Steel, Add</i>	47.81	
			<i>For &gt;10 To 50, Deduct</i>	-1.01	
			<i>For &gt;50 To 100, Deduct</i>	-2.37	
			<i>For &gt;100, Deduct</i>	-4.73	
03 15 19 00-0059			<b>1-1/4" And 1-3/8" Diameter</b> <small>(03 15 19 00-0036)</small>		
03 15 19 00-0060	EA		1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	32.73	
			<i>For Galvanized, Add</i>	7.05	
			<i>For Stainless Steel, Add</i>	49.35	
			<i>For &gt;10 To 50, Deduct</i>	-0.93	
			<i>For &gt;50 To 100, Deduct</i>	-2.22	
			<i>For &gt;100, Deduct</i>	-4.43	
03 15 19 00-0061	EA		1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	39.79	
			<i>For Galvanized, Add</i>	8.25	
			<i>For Stainless Steel, Add</i>	57.75	
			<i>For &gt;10 To 50, Deduct</i>	-1.16	
			<i>For &gt;50 To 100, Deduct</i>	-2.74	
			<i>For &gt;100, Deduct</i>	-5.48	
03 15 19 00-0062	EA		1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	43.21	
			<i>For Galvanized, Add</i>	9.35	
			<i>For Stainless Steel, Add</i>	65.42	
			<i>For &gt;10 To 50, Deduct</i>	-1.23	
			<i>For &gt;50 To 100, Deduct</i>	-2.92	
			<i>For &gt;100, Deduct</i>	-5.84	



<b>Concrete</b>	<b>03</b>	<b>CS</b>	
<b>Concrete Forming and Accessories</b>			<b>03 10</b>
<b>Concrete Accessories</b>			<b>03 15</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0063	EA		1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	46.99	
			<i>For Galvanized, Add</i>	10.56	
			<i>For Stainless Steel, Add</i>	73.89	
			<i>For &gt;10 To 50, Deduct</i>	-1.29	
			<i>For &gt;50 To 100, Deduct</i>	-3.12	
			<i>For &gt;100, Deduct</i>	-6.23	
03 15 19 00-0064	EA		1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	52.08	
			<i>For Galvanized, Add</i>	11.48	
			<i>For Stainless Steel, Add</i>	80.36	
			<i>For &gt;10 To 50, Deduct</i>	-1.46	
			<i>For &gt;50 To 100, Deduct</i>	-3.49	
			<i>For &gt;100, Deduct</i>	-6.97	
03 15 19 00-0065	EA		1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	57.86	
			<i>For Galvanized, Add</i>	12.29	
			<i>For Stainless Steel, Add</i>	86.03	
			<i>For &gt;10 To 50, Deduct</i>	-1.66	
			<i>For &gt;50 To 100, Deduct</i>	-3.94	
			<i>For &gt;100, Deduct</i>	-7.89	
03 15 19 00-0066	EA		1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	65.13	
			<i>For Galvanized, Add</i>	13.16	
			<i>For Stainless Steel, Add</i>	92.09	
			<i>For &gt;10 To 50, Deduct</i>	-1.94	
			<i>For &gt;50 To 100, Deduct</i>	-4.54	
			<i>For &gt;100, Deduct</i>	-9.08	
03 15 19 00-0067	EA		1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	75.69	
			<i>For Galvanized, Add</i>	14.55	
			<i>For Stainless Steel, Add</i>	101.85	
			<i>For &gt;10 To 50, Deduct</i>	-2.33	
			<i>For &gt;50 To 100, Deduct</i>	-5.39	
			<i>For &gt;100, Deduct</i>	-10.77	
03 15 19 00-0068	EA		1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	36.26	
			<i>For Galvanized, Add</i>	8.82	
			<i>For Stainless Steel, Add</i>	61.71	
			<i>For &gt;10 To 50, Deduct</i>	-0.93	
			<i>For &gt;50 To 100, Deduct</i>	-2.30	
			<i>For &gt;100, Deduct</i>	-4.61	
03 15 19 00-0069	EA		1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	43.92	
			<i>For Galvanized, Add</i>	10.32	
			<i>For Stainless Steel, Add</i>	72.21	
			<i>For &gt;10 To 50, Deduct</i>	-1.16	
			<i>For &gt;50 To 100, Deduct</i>	-2.84	
			<i>For &gt;100, Deduct</i>	-5.69	
03 15 19 00-0070	EA		1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	47.88	
			<i>For Galvanized, Add</i>	11.68	
			<i>For Stainless Steel, Add</i>	81.76	
			<i>For &gt;10 To 50, Deduct</i>	-1.23	
			<i>For &gt;50 To 100, Deduct</i>	-3.04	
			<i>For &gt;100, Deduct</i>	-6.07	
03 15 19 00-0071	EA		1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	52.26	
			<i>For Galvanized, Add</i>	13.19	
			<i>For Stainless Steel, Add</i>	92.33	
			<i>For &gt;10 To 50, Deduct</i>	-1.29	
			<i>For &gt;50 To 100, Deduct</i>	-3.25	
			<i>For &gt;100, Deduct</i>	-6.50	
03 15 19 00-0072	EA		1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	57.82	
			<i>For Galvanized, Add</i>	14.35	
			<i>For Stainless Steel, Add</i>	100.45	
			<i>For &gt;10 To 50, Deduct</i>	-1.46	
			<i>For &gt;50 To 100, Deduct</i>	-3.63	
			<i>For &gt;100, Deduct</i>	-7.26	
03 15 19 00-0073	EA		1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	64.02	
			<i>For Galvanized, Add</i>	15.37	
			<i>For Stainless Steel, Add</i>	107.59	
			<i>For &gt;10 To 50, Deduct</i>	-1.66	
			<i>For &gt;50 To 100, Deduct</i>	-4.10	
			<i>For &gt;100, Deduct</i>	-8.19	
03 15 19 00-0074	EA		1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	71.98	
			<i>For Galvanized, Add</i>	16.58	
			<i>For Stainless Steel, Add</i>	116.06	
			<i>For &gt;10 To 50, Deduct</i>	-1.94	
			<i>For &gt;50 To 100, Deduct</i>	-4.71	
			<i>For &gt;100, Deduct</i>	-9.42	
03 15 19 00-0075	EA		1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	82.97	
			<i>For Galvanized, Add</i>	18.19	
			<i>For Stainless Steel, Add</i>	127.33	
			<i>For &gt;10 To 50, Deduct</i>	-2.33	
			<i>For &gt;50 To 100, Deduct</i>	-5.57	
			<i>For &gt;100, Deduct</i>	-11.14	

03 15 19 00-0076 1-1/2", 1-3/4", And 2" Diameter (03 15 19 00-0036)

**03 Concrete****03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0077	EA		1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	45.62	
			<i>For Galvanized, Add</i>	12.22	
			<i>For Stainless Steel, Add</i>	85.54	
			<i>For &gt;10 To 50, Deduct</i>	-1.06	
			<i>For &gt;50 To 100, Deduct</i>	-2.73	
			<i>For &gt;100, Deduct</i>	-5.46	
03 15 19 00-0078	EA		1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	50.15	
			<i>For Galvanized, Add</i>	12.82	
			<i>For Stainless Steel, Add</i>	89.71	
			<i>For &gt;10 To 50, Deduct</i>	-1.23	
			<i>For &gt;50 To 100, Deduct</i>	-3.09	
			<i>For &gt;100, Deduct</i>	-6.19	
03 15 19 00-0079	EA		1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	55.60	
			<i>For Galvanized, Add</i>	14.10	
			<i>For Stainless Steel, Add</i>	98.70	
			<i>For &gt;10 To 50, Deduct</i>	-1.37	
			<i>For &gt;50 To 100, Deduct</i>	-3.45	
			<i>For &gt;100, Deduct</i>	-6.89	
03 15 19 00-0080	EA		1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	59.93	
			<i>For Galvanized, Add</i>	15.41	
			<i>For Stainless Steel, Add</i>	107.84	
			<i>For &gt;10 To 50, Deduct</i>	-1.46	
			<i>For &gt;50 To 100, Deduct</i>	-3.68	
			<i>For &gt;100, Deduct</i>	-7.36	
03 15 19 00-0081	EA		1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	64.48	
			<i>For Galvanized, Add</i>	16.71	
			<i>For Stainless Steel, Add</i>	116.97	
			<i>For &gt;10 To 50, Deduct</i>	-1.55	
			<i>For &gt;50 To 100, Deduct</i>	-3.94	
			<i>For &gt;100, Deduct</i>	-7.88	
03 15 19 00-0082	EA		1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	71.78	
			<i>For Galvanized, Add</i>	17.97	
			<i>For Stainless Steel, Add</i>	125.79	
			<i>For &gt;10 To 50, Deduct</i>	-1.79	
			<i>For &gt;50 To 100, Deduct</i>	-4.48	
			<i>For &gt;100, Deduct</i>	-8.97	
03 15 19 00-0083	EA		1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	81.24	
			<i>For Galvanized, Add</i>	19.44	
			<i>For Stainless Steel, Add</i>	136.08	
			<i>For &gt;10 To 50, Deduct</i>	-2.12	
			<i>For &gt;50 To 100, Deduct</i>	-5.21	
			<i>For &gt;100, Deduct</i>	-10.42	
03 15 19 00-0084	EA		1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	94.88	
			<i>For Galvanized, Add</i>	21.56	
			<i>For Stainless Steel, Add</i>	150.92	
			<i>For &gt;10 To 50, Deduct</i>	-2.59	
			<i>For &gt;50 To 100, Deduct</i>	-6.25	
			<i>For &gt;100, Deduct</i>	-12.51	
03 15 19 00-0085	EA		1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	60.06	
			<i>For Galvanized, Add</i>	18.39	
			<i>For Stainless Steel, Add</i>	128.70	
			<i>For &gt;10 To 50, Deduct</i>	-1.16	
			<i>For &gt;50 To 100, Deduct</i>	-3.25	
			<i>For &gt;100, Deduct</i>	-6.50	
03 15 19 00-0086	EA		1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	63.45	
			<i>For Galvanized, Add</i>	18.79	
			<i>For Stainless Steel, Add</i>	131.50	
			<i>For &gt;10 To 50, Deduct</i>	-1.29	
			<i>For &gt;50 To 100, Deduct</i>	-3.53	
			<i>For &gt;100, Deduct</i>	-7.05	
03 15 19 00-0087	EA		1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	65.57	
			<i>For Galvanized, Add</i>	19.09	
			<i>For Stainless Steel, Add</i>	133.60	
			<i>For &gt;10 To 50, Deduct</i>	-1.37	
			<i>For &gt;50 To 100, Deduct</i>	-3.69	
			<i>For &gt;100, Deduct</i>	-7.39	
03 15 19 00-0088	EA		1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	73.21	
			<i>For Galvanized, Add</i>	22.05	
			<i>For Stainless Steel, Add</i>	154.32	
			<i>For &gt;10 To 50, Deduct</i>	-1.46	
			<i>For &gt;50 To 100, Deduct</i>	-4.01	
			<i>For &gt;100, Deduct</i>	-8.03	
03 15 19 00-0089	EA		1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	84.18	
			<i>For Galvanized, Add</i>	25.45	
			<i>For Stainless Steel, Add</i>	178.15	
			<i>For &gt;10 To 50, Deduct</i>	-1.66	
			<i>For &gt;50 To 100, Deduct</i>	-4.60	
			<i>For &gt;100, Deduct</i>	-9.20	
03 15 19 00-0090	EA		1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	90.39	
			<i>For Galvanized, Add</i>	25.79	
			<i>For Stainless Steel, Add</i>	180.50	
			<i>For &gt;10 To 50, Deduct</i>	-1.94	
			<i>For &gt;50 To 100, Deduct</i>	-5.17	
			<i>For &gt;100, Deduct</i>	-10.34	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	03 15 19 00-0091	EA		1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	102.28	
				<i>For Galvanized, Add</i>	27.85	
				<i>For Stainless Steel, Add</i>	194.92	
				<i>For &gt;10 To 50, Deduct</i>	-2.33	
				<i>For &gt;50 To 100, Deduct</i>	-6.05	
				<i>For &gt;100, Deduct</i>	-12.10	
	03 15 19 00-0092	EA		1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	118.21	
				<i>For Galvanized, Add</i>	29.99	
				<i>For Stainless Steel, Add</i>	209.93	
				<i>For &gt;10 To 50, Deduct</i>	-2.91	
				<i>For &gt;50 To 100, Deduct</i>	-7.32	
				<i>For &gt;100, Deduct</i>	-14.65	
	03 15 19 00-0093	EA		2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	83.37	
				<i>For Galvanized, Add</i>	27.99	
				<i>For Stainless Steel, Add</i>	195.90	
				<i>For &gt;10 To 50, Deduct</i>	-1.37	
				<i>For &gt;50 To 100, Deduct</i>	-4.14	
				<i>For &gt;100, Deduct</i>	-8.28	
	03 15 19 00-0094	EA		2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	91.57	
				<i>For Galvanized, Add</i>	30.26	
				<i>For Stainless Steel, Add</i>	211.79	
				<i>For &gt;10 To 50, Deduct</i>	-1.55	
				<i>For &gt;50 To 100, Deduct</i>	-4.62	
				<i>For &gt;100, Deduct</i>	-9.24	
	03 15 19 00-0095	EA		2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	101.80	
				<i>For Galvanized, Add</i>	32.98	
				<i>For Stainless Steel, Add</i>	230.86	
				<i>For &gt;10 To 50, Deduct</i>	-1.79	
				<i>For &gt;50 To 100, Deduct</i>	-5.23	
				<i>For &gt;100, Deduct</i>	-10.47	
	03 15 19 00-0096	EA		2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	112.21	
				<i>For Galvanized, Add</i>	34.93	
				<i>For Stainless Steel, Add</i>	244.48	
				<i>For &gt;10 To 50, Deduct</i>	-2.12	
				<i>For &gt;50 To 100, Deduct</i>	-5.98	
				<i>For &gt;100, Deduct</i>	-11.96	
	03 15 19 00-0097	EA		2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	121.65	
				<i>For Galvanized, Add</i>	37.53	
				<i>For Stainless Steel, Add</i>	262.71	
				<i>For &gt;10 To 50, Deduct</i>	-2.33	
				<i>For &gt;50 To 100, Deduct</i>	-6.54	
				<i>For &gt;100, Deduct</i>	-13.07	
	03 15 19 00-0098	EA		2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	131.91	
				<i>For Galvanized, Add</i>	40.08	
				<i>For Stainless Steel, Add</i>	280.53	
				<i>For &gt;10 To 50, Deduct</i>	-2.59	
				<i>For &gt;50 To 100, Deduct</i>	-7.18	
				<i>For &gt;100, Deduct</i>	-14.36	
	03 15 19 00-0099	EA		2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	152.64	
				<i>For Galvanized, Add</i>	43.04	
				<i>For Stainless Steel, Add</i>	301.28	
				<i>For &gt;10 To 50, Deduct</i>	-3.33	
				<i>For &gt;50 To 100, Deduct</i>	-8.81	
				<i>For &gt;100, Deduct</i>	-17.62	
	03 15 19 00-0100	EA		2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	161.19	
				<i>For Galvanized, Add</i>	47.32	
				<i>For Stainless Steel, Add</i>	331.21	
				<i>For &gt;10 To 50, Deduct</i>	-3.33	
				<i>For &gt;50 To 100, Deduct</i>	-9.02	
				<i>For &gt;100, Deduct</i>	-18.04	
	03 15 19 00-0101	EA		2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	182.84	
				<i>For Galvanized, Add</i>	52.60	
				<i>For Stainless Steel, Add</i>	368.17	
				<i>For &gt;10 To 50, Deduct</i>	-3.88	
				<i>For &gt;50 To 100, Deduct</i>	-10.39	
				<i>For &gt;100, Deduct</i>	-20.79	
	<b>03 15 19 00-0102</b>			<b>2-1/2" And 2-3/4" Diameter</b> (03 15 19 00-0036).....	151.76	
	03 15 19 00-0103	EA		2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	151.76	
				<i>For Galvanized, Add</i>	62.18	
				<i>For Stainless Steel, Add</i>	435.26	
				<i>For &gt;10 To 50, Deduct</i>	-1.37	
				<i>For &gt;50 To 100, Deduct</i>	-5.85	
				<i>For &gt;100, Deduct</i>	-11.70	
	03 15 19 00-0104	EA		2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	161.05	
				<i>For Galvanized, Add</i>	65.00	
				<i>For Stainless Steel, Add</i>	454.97	
				<i>For &gt;10 To 50, Deduct</i>	-1.55	
				<i>For &gt;50 To 100, Deduct</i>	-6.36	
				<i>For &gt;100, Deduct</i>	-12.71	

**03 Concrete****03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0105	EA		2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	176.81	
			<i>For Galvanized, Add</i>	70.49	
			<i>For Stainless Steel, Add</i>	493.40	
			<i>For &gt;10 To 50, Deduct</i>	-1.79	
			<i>For &gt;50 To 100, Deduct</i>	-7.11	
			<i>For &gt;100, Deduct</i>	-14.22	
03 15 19 00-0106	EA		2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	190.92	
			<i>For Galvanized, Add</i>	74.28	
			<i>For Stainless Steel, Add</i>	519.96	
			<i>For &gt;10 To 50, Deduct</i>	-2.12	
			<i>For &gt;50 To 100, Deduct</i>	-7.95	
			<i>For &gt;100, Deduct</i>	-15.90	
03 15 19 00-0107	EA		2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	203.11	
			<i>For Galvanized, Add</i>	78.26	
			<i>For Stainless Steel, Add</i>	547.82	
			<i>For &gt;10 To 50, Deduct</i>	-2.33	
			<i>For &gt;50 To 100, Deduct</i>	-8.57	
			<i>For &gt;100, Deduct</i>	-17.14	
03 15 19 00-0108	EA		2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	217.20	
			<i>For Galvanized, Add</i>	82.72	
			<i>For Stainless Steel, Add</i>	579.04	
			<i>For &gt;10 To 50, Deduct</i>	-2.59	
			<i>For &gt;50 To 100, Deduct</i>	-9.31	
			<i>For &gt;100, Deduct</i>	-18.62	
03 15 19 00-0109	EA		2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	241.13	
			<i>For Galvanized, Add</i>	87.29	
			<i>For Stainless Steel, Add</i>	611.00	
			<i>For &gt;10 To 50, Deduct</i>	-3.33	
			<i>For &gt;50 To 100, Deduct</i>	-11.02	
			<i>For &gt;100, Deduct</i>	-22.04	
03 15 19 00-0110	EA		2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	169.90	
			<i>For Galvanized, Add</i>	70.39	
			<i>For Stainless Steel, Add</i>	492.73	
			<i>For &gt;10 To 50, Deduct</i>	-1.46	
			<i>For &gt;50 To 100, Deduct</i>	-6.43	
			<i>For &gt;100, Deduct</i>	-12.86	
03 15 19 00-0111	EA		2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	183.87	
			<i>For Galvanized, Add</i>	75.30	
			<i>For Stainless Steel, Add</i>	527.07	
			<i>For &gt;10 To 50, Deduct</i>	-1.66	
			<i>For &gt;50 To 100, Deduct</i>	-7.09	
			<i>For &gt;100, Deduct</i>	-14.19	
03 15 19 00-0112	EA		2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	199.32	
			<i>For Galvanized, Add</i>	80.25	
			<i>For Stainless Steel, Add</i>	561.75	
			<i>For &gt;10 To 50, Deduct</i>	-1.94	
			<i>For &gt;50 To 100, Deduct</i>	-7.89	
			<i>For &gt;100, Deduct</i>	-15.79	
03 15 19 00-0113	EA		2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	216.01	
			<i>For Galvanized, Add</i>	84.71	
			<i>For Stainless Steel, Add</i>	592.97	
			<i>For &gt;10 To 50, Deduct</i>	-2.33	
			<i>For &gt;50 To 100, Deduct</i>	-8.89	
			<i>For &gt;100, Deduct</i>	-17.79	
03 15 19 00-0114	EA		2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	230.93	
			<i>For Galvanized, Add</i>	89.59	
			<i>For Stainless Steel, Add</i>	627.10	
			<i>For &gt;10 To 50, Deduct</i>	-2.59	
			<i>For &gt;50 To 100, Deduct</i>	-9.66	
			<i>For &gt;100, Deduct</i>	-19.31	
03 15 19 00-0115	EA		2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	251.24	
			<i>For Galvanized, Add</i>	96.51	
			<i>For Stainless Steel, Add</i>	675.54	
			<i>For &gt;10 To 50, Deduct</i>	-2.91	
			<i>For &gt;50 To 100, Deduct</i>	-10.65	
			<i>For &gt;100, Deduct</i>	-21.30	
03 15 19 00-0116	EA		2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	281.27	
			<i>For Galvanized, Add</i>	101.81	
			<i>For Stainless Steel, Add</i>	712.67	
			<i>For &gt;10 To 50, Deduct</i>	-3.88	
			<i>For &gt;50 To 100, Deduct</i>	-12.86	
			<i>For &gt;100, Deduct</i>	-25.71	

**03 20 Concrete Reinforcing** <sup>(03)</sup>

Note: Includes cutting or torching to size, bending where necessary and tie wires.

**03 21 Reinforcement Bars** <sup>(03 20)</sup>

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lbs./LF, #3 - 0.376 Lbs./LF, #4 - 0.668 Lbs./LF, #5 - 1.043 Lbs./LF, #6 - 1.502 Lbs./LF, #7 - 2.044 Lbs./LF, #8 - 2.670 Lbs./LF, #9 - 3.400 Lbs./LF, #10 - 4.303 Lbs./LF, #11 - 5.313 Lbs./LF, #14 - 7.650 Lbs./LF, #18 - 13.600 Lbs./LF.

**03 21 11 Plain Steel Reinforcement Bars** <sup>(03 21)</sup>**03 21 11 00-0001 Beams And Girders, Steel Reinforcement Bar** <sup>(03 21 11)</sup>

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0002 LF #3, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	0.60	
03 21 11 00-0003 LF #4, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	1.01	
03 21 11 00-0004 LF #5, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	1.49	
03 21 11 00-0005 LF #6, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	2.05	
03 21 11 00-0006 LF #3, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	0.61	
03 21 11 00-0007 LF #4, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	1.03	
03 21 11 00-0008 LF #5, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	1.52	
03 21 11 00-0009 LF #6, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	2.09	
03 21 11 00-0010 LF #3, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	0.62	
03 21 11 00-0011 LF #4, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	1.05	
03 21 11 00-0012 LF #5, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	1.56	
03 21 11 00-0013 LF #6, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	2.15	
03 21 11 00-0014 LF #7, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	2.76	
03 21 11 00-0015 LF #8, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	3.42	
03 21 11 00-0016 LF #9, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	4.17	
03 21 11 00-0017 LF #10, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	5.06	
03 21 11 00-0018 LF #11, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	5.99	
03 21 11 00-0019 LF #14, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	8.22	
03 21 11 00-0020 LF #18, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	13.93	
03 21 11 00-0021 LF #6, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	2.21	
03 21 11 00-0022 LF #7, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	2.85	
03 21 11 00-0023 LF #8, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	3.53	
03 21 11 00-0024 LF #9, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	4.31	
03 21 11 00-0025 LF #10, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	5.24	
03 21 11 00-0026 LF #11, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	6.20	
03 21 11 00-0027 LF #14, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	8.53	
03 21 11 00-0028 LF #18, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	14.49	
03 21 11 00-0029 LF #3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	0.63	
03 21 11 00-0030 LF #4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	1.07	
03 21 11 00-0031 LF #5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	1.60	
03 21 11 00-0032 LF #6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	2.20	
03 21 11 00-0033 LF #7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	2.83	
03 21 11 00-0034 LF #8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	3.50	
03 21 11 00-0035 LF #9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	4.28	
03 21 11 00-0036 LF #10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	5.19	
03 21 11 00-0037 LF #11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	6.15	
03 21 11 00-0038 LF #14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	8.46	
03 21 11 00-0039 LF #18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	14.35	

**03 21 11 00-0040**

**Columns, Steel Reinforcement Bar (03 21 11)**

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0041 LF #3, Grade 40, Columns, Steel Reinforcement Bar.....	0.63	
03 21 11 00-0042 LF #4, Grade 40, Columns, Steel Reinforcement Bar.....	1.08	
03 21 11 00-0043 LF #5, Grade 40, Columns, Steel Reinforcement Bar.....	1.58	
03 21 11 00-0044 LF #6, Grade 40, Columns, Steel Reinforcement Bar.....	2.17	
03 21 11 00-0045 LF #3, Grade 50, Columns, Steel Reinforcement Bar.....	0.64	
03 21 11 00-0046 LF #4, Grade 50, Columns, Steel Reinforcement Bar.....	1.10	
03 21 11 00-0047 LF #5, Grade 50, Columns, Steel Reinforcement Bar.....	1.61	
03 21 11 00-0048 LF #6, Grade 50, Columns, Steel Reinforcement Bar.....	2.21	
03 21 11 00-0049 LF #3, Grade 60, Columns, Steel Reinforcement Bar.....	0.65	
03 21 11 00-0050 LF #4, Grade 60, Columns, Steel Reinforcement Bar.....	1.12	
03 21 11 00-0051 LF #5, Grade 60, Columns, Steel Reinforcement Bar.....	1.65	
03 21 11 00-0052 LF #6, Grade 60, Columns, Steel Reinforcement Bar.....	2.27	
03 21 11 00-0053 LF #7, Grade 60, Columns, Steel Reinforcement Bar.....	2.92	
03 21 11 00-0054 LF #8, Grade 60, Columns, Steel Reinforcement Bar.....	3.59	
03 21 11 00-0055 LF #9, Grade 60, Columns, Steel Reinforcement Bar.....	4.37	
03 21 11 00-0056 LF #10, Grade 60, Columns, Steel Reinforcement Bar.....	5.29	
03 21 11 00-0057 LF #11, Grade 60, Columns, Steel Reinforcement Bar.....	6.25	
03 21 11 00-0058 LF #14, Grade 60, Columns, Steel Reinforcement Bar.....	8.58	
03 21 11 00-0059 LF #18, Grade 60, Columns, Steel Reinforcement Bar.....	14.48	
03 21 11 00-0060 LF #6, Grade 75, Columns, Steel Reinforcement Bar.....	2.33	
03 21 11 00-0061 LF #7, Grade 75, Columns, Steel Reinforcement Bar.....	3.01	
03 21 11 00-0062 LF #8, Grade 75, Columns, Steel Reinforcement Bar.....	3.70	
03 21 11 00-0063 LF #9, Grade 75, Columns, Steel Reinforcement Bar.....	4.51	
03 21 11 00-0064 LF #10, Grade 75, Columns, Steel Reinforcement Bar.....	5.47	
03 21 11 00-0065 LF #11, Grade 75, Columns, Steel Reinforcement Bar.....	6.46	
03 21 11 00-0066 LF #14, Grade 75, Columns, Steel Reinforcement Bar.....	8.89	
03 21 11 00-0067 LF #18, Grade 75, Columns, Steel Reinforcement Bar.....	15.04	
03 21 11 00-0068 LF #3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	0.66	
03 21 11 00-0069 LF #4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	1.14	
03 21 11 00-0070 LF #5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	1.69	
03 21 11 00-0071 LF #6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	2.32	
03 21 11 00-0072 LF #7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	2.99	
03 21 11 00-0073 LF #8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	3.67	
03 21 11 00-0074 LF #9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	4.48	
03 21 11 00-0075 LF #10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	5.42	
03 21 11 00-0076 LF #11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	6.41	
03 21 11 00-0077 LF #14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	8.82	
03 21 11 00-0078 LF #18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	14.90	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

## 03 21 11 00-0079

Footings, Steel Reinforcement Bar <sup>(03 21 11)</sup>

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0080	LF	#3, Grade 40, Footings, Steel Reinforcement Bar	0.54
03 21 11 00-0081	LF	#4, Grade 40, Footings, Steel Reinforcement Bar	0.92
03 21 11 00-0082	LF	#5, Grade 40, Footings, Steel Reinforcement Bar	1.36
03 21 11 00-0083	LF	#6, Grade 40, Footings, Steel Reinforcement Bar	1.87
03 21 11 00-0084	LF	#3, Grade 50, Footings, Steel Reinforcement Bar	0.55
03 21 11 00-0085	LF	#4, Grade 50, Footings, Steel Reinforcement Bar	0.94
03 21 11 00-0086	LF	#5, Grade 50, Footings, Steel Reinforcement Bar	1.39
03 21 11 00-0087	LF	#6, Grade 50, Footings, Steel Reinforcement Bar	1.91
03 21 11 00-0088	LF	#3, Grade 60, Footings, Steel Reinforcement Bar	0.56
03 21 11 00-0089	LF	#4, Grade 60, Footings, Steel Reinforcement Bar	0.96
03 21 11 00-0090	LF	#5, Grade 60, Footings, Steel Reinforcement Bar	1.43
03 21 11 00-0091	LF	#6, Grade 60, Footings, Steel Reinforcement Bar	1.97
03 21 11 00-0092	LF	#7, Grade 60, Footings, Steel Reinforcement Bar	2.54
03 21 11 00-0093	LF	#8, Grade 60, Footings, Steel Reinforcement Bar	3.15
03 21 11 00-0094	LF	#9, Grade 60, Footings, Steel Reinforcement Bar	3.86
03 21 11 00-0095	LF	#10, Grade 60, Footings, Steel Reinforcement Bar	4.70
03 21 11 00-0096	LF	#11, Grade 60, Footings, Steel Reinforcement Bar	5.58
03 21 11 00-0097	LF	#14, Grade 60, Footings, Steel Reinforcement Bar	7.70
03 21 11 00-0098	LF	#18, Grade 60, Footings, Steel Reinforcement Bar	13.09
03 21 11 00-0099	LF	#6, Grade 75, Footings, Steel Reinforcement Bar	2.03
03 21 11 00-0100	LF	#7, Grade 75, Footings, Steel Reinforcement Bar	2.63
03 21 11 00-0101	LF	#8, Grade 75, Footings, Steel Reinforcement Bar	3.26
03 21 11 00-0102	LF	#9, Grade 75, Footings, Steel Reinforcement Bar	4.00
03 21 11 00-0103	LF	#10, Grade 75, Footings, Steel Reinforcement Bar	4.88
03 21 11 00-0104	LF	#11, Grade 75, Footings, Steel Reinforcement Bar	5.79
03 21 11 00-0105	LF	#14, Grade 75, Footings, Steel Reinforcement Bar	8.01
03 21 11 00-0106	LF	#18, Grade 75, Footings, Steel Reinforcement Bar	13.65
03 21 11 00-0107	LF	#3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	0.57
03 21 11 00-0108	LF	#4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	0.98
03 21 11 00-0109	LF	#5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.47
03 21 11 00-0110	LF	#6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.02
03 21 11 00-0111	LF	#7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.61
03 21 11 00-0112	LF	#8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.23
03 21 11 00-0113	LF	#9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.97
03 21 11 00-0114	LF	#10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	4.83
03 21 11 00-0115	LF	#11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	5.74
03 21 11 00-0116	LF	#14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	7.94
03 21 11 00-0117	LF	#18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	13.51

## 03 21 11 00-0118

Slab On Grade, Steel Reinforcement Bar <sup>(03 21 11)</sup>

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0119	LF	#3, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.52
03 21 11 00-0120	LF	#4, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.88
03 21 11 00-0121	LF	#5, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.31
03 21 11 00-0122	LF	#6, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.80
03 21 11 00-0123	LF	#3, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.53
03 21 11 00-0124	LF	#4, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.90
03 21 11 00-0125	LF	#5, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.34
03 21 11 00-0126	LF	#6, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.84
03 21 11 00-0127	LF	#3, Grade 60, Slab On Grade, Steel Reinforcement Bar	0.54
03 21 11 00-0128	LF	#4, Grade 60, Slab On Grade, Steel Reinforcement Bar	0.92
03 21 11 00-0129	LF	#5, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.38
03 21 11 00-0130	LF	#6, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.90
03 21 11 00-0131	LF	#7, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.47
03 21 11 00-0132	LF	#8, Grade 60, Slab On Grade, Steel Reinforcement Bar	3.06
03 21 11 00-0133	LF	#9, Grade 60, Slab On Grade, Steel Reinforcement Bar	3.76
03 21 11 00-0134	LF	#10, Grade 60, Slab On Grade, Steel Reinforcement Bar	4.58
03 21 11 00-0135	LF	#11, Grade 60, Slab On Grade, Steel Reinforcement Bar	5.45
03 21 11 00-0136	LF	#14, Grade 60, Slab On Grade, Steel Reinforcement Bar	7.52
03 21 11 00-0137	LF	#18, Grade 60, Slab On Grade, Steel Reinforcement Bar	12.82
03 21 11 00-0138	LF	#6, Grade 75, Slab On Grade, Steel Reinforcement Bar	1.96
03 21 11 00-0139	LF	#7, Grade 75, Slab On Grade, Steel Reinforcement Bar	2.56
03 21 11 00-0140	LF	#8, Grade 75, Slab On Grade, Steel Reinforcement Bar	3.17
03 21 11 00-0141	LF	#9, Grade 75, Slab On Grade, Steel Reinforcement Bar	3.90
03 21 11 00-0142	LF	#10, Grade 75, Slab On Grade, Steel Reinforcement Bar	4.76
03 21 11 00-0143	LF	#11, Grade 75, Slab On Grade, Steel Reinforcement Bar	5.66
03 21 11 00-0144	LF	#14, Grade 75, Slab On Grade, Steel Reinforcement Bar	7.83
03 21 11 00-0145	LF	#18, Grade 75, Slab On Grade, Steel Reinforcement Bar	13.38
03 21 11 00-0146	LF	#3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	0.55
03 21 11 00-0147	LF	#4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	0.94
03 21 11 00-0148	LF	#5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.42
03 21 11 00-0149	LF	#6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.95
03 21 11 00-0150	LF	#7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.54
03 21 11 00-0151	LF	#8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	3.14
03 21 11 00-0152	LF	#9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	3.87
03 21 11 00-0153	LF	#10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	4.71
03 21 11 00-0154	LF	#11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	5.61
03 21 11 00-0155	LF	#14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	7.76





MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
03 21 11 00-0156	LF	#18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	13.24	
<b>03 21 11 00-0157 Elevated Slabs, Steel Reinforcement Bar <small>(03 21 11)</small></b>				
Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.				
03 21 11 00-0158	LF	#3, Grade 40, Elevated Slabs, Steel Reinforcement Bar.....	0.48	
03 21 11 00-0159	LF	#4, Grade 40, Elevated Slabs, Steel Reinforcement Bar.....	0.81	
03 21 11 00-0160	LF	#5, Grade 40, Elevated Slabs, Steel Reinforcement Bar.....	1.22	
03 21 11 00-0161	LF	#6, Grade 40, Elevated Slabs, Steel Reinforcement Bar.....	1.68	
03 21 11 00-0162	LF	#3, Grade 50, Elevated Slabs, Steel Reinforcement Bar.....	0.49	
03 21 11 00-0163	LF	#4, Grade 50, Elevated Slabs, Steel Reinforcement Bar.....	0.83	
03 21 11 00-0164	LF	#5, Grade 50, Elevated Slabs, Steel Reinforcement Bar.....	1.25	
03 21 11 00-0165	LF	#6, Grade 50, Elevated Slabs, Steel Reinforcement Bar.....	1.72	
03 21 11 00-0166	LF	#3, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	0.50	
03 21 11 00-0167	LF	#4, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	0.85	
03 21 11 00-0168	LF	#5, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	1.29	
03 21 11 00-0169	LF	#6, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	1.78	
03 21 11 00-0170	LF	#7, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	2.32	
03 21 11 00-0171	LF	#8, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	2.88	
03 21 11 00-0172	LF	#9, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	3.55	
03 21 11 00-0173	LF	#10, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	4.35	
03 21 11 00-0174	LF	#11, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	5.18	
03 21 11 00-0175	LF	#14, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	7.17	
03 21 11 00-0176	LF	#18, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	12.28	
03 21 11 00-0177	LF	#6, Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	1.84	
03 21 11 00-0178	LF	#7, Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	2.41	
03 21 11 00-0179	LF	#8, Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	2.99	
03 21 11 00-0180	LF	#9, Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	3.69	
03 21 11 00-0181	LF	#10, Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	4.53	
03 21 11 00-0182	LF	#11, Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	5.39	
03 21 11 00-0183	LF	#14, Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	7.48	
03 21 11 00-0184	LF	#18, Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	12.84	
03 21 11 00-0185	LF	#3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	0.51	
03 21 11 00-0186	LF	#4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	0.87	
03 21 11 00-0187	LF	#5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	1.33	
03 21 11 00-0188	LF	#6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	1.83	
03 21 11 00-0189	LF	#7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	2.39	
03 21 11 00-0190	LF	#8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	2.96	
03 21 11 00-0191	LF	#9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	3.66	
03 21 11 00-0192	LF	#10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	4.48	
03 21 11 00-0193	LF	#11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	5.34	
03 21 11 00-0194	LF	#14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	7.41	
03 21 11 00-0195	LF	#18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	12.70	
<b>03 21 11 00-0196 Walls, Steel Reinforcement Bar <small>(03 21 11)</small></b>				
Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.				
03 21 11 00-0197	LF	#3, Grade 40, Walls, Steel Reinforcement Bar.....	0.46	
03 21 11 00-0198	LF	#4, Grade 40, Walls, Steel Reinforcement Bar.....	0.78	
03 21 11 00-0199	LF	#5, Grade 40, Walls, Steel Reinforcement Bar.....	1.17	
03 21 11 00-0200	LF	#6, Grade 40, Walls, Steel Reinforcement Bar.....	1.62	
03 21 11 00-0201	LF	#3, Grade 50, Walls, Steel Reinforcement Bar.....	0.47	
03 21 11 00-0202	LF	#4, Grade 50, Walls, Steel Reinforcement Bar.....	0.80	
03 21 11 00-0203	LF	#5, Grade 50, Walls, Steel Reinforcement Bar.....	1.20	
03 21 11 00-0204	LF	#6, Grade 50, Walls, Steel Reinforcement Bar.....	1.66	
03 21 11 00-0205	LF	#3, Grade 60, Walls, Steel Reinforcement Bar.....	0.48	
03 21 11 00-0206	LF	#4, Grade 60, Walls, Steel Reinforcement Bar.....	0.82	
03 21 11 00-0207	LF	#5, Grade 60, Walls, Steel Reinforcement Bar.....	1.24	
03 21 11 00-0208	LF	#6, Grade 60, Walls, Steel Reinforcement Bar.....	1.72	
03 21 11 00-0209	LF	#7, Grade 60, Walls, Steel Reinforcement Bar.....	2.23	
03 21 11 00-0210	LF	#8, Grade 60, Walls, Steel Reinforcement Bar.....	2.80	
03 21 11 00-0211	LF	#9, Grade 60, Walls, Steel Reinforcement Bar.....	3.45	
03 21 11 00-0212	LF	#10, Grade 60, Walls, Steel Reinforcement Bar.....	4.22	
03 21 11 00-0213	LF	#11, Grade 60, Walls, Steel Reinforcement Bar.....	5.05	
03 21 11 00-0214	LF	#14, Grade 60, Walls, Steel Reinforcement Bar.....	7.00	
03 21 11 00-0215	LF	#18, Grade 60, Walls, Steel Reinforcement Bar.....	12.00	
03 21 11 00-0216	LF	#6, Grade 75, Walls, Steel Reinforcement Bar.....	1.78	
03 21 11 00-0217	LF	#7, Grade 75, Walls, Steel Reinforcement Bar.....	2.32	
03 21 11 00-0218	LF	#8, Grade 75, Walls, Steel Reinforcement Bar.....	2.91	
03 21 11 00-0219	LF	#9, Grade 75, Walls, Steel Reinforcement Bar.....	3.59	
03 21 11 00-0220	LF	#10, Grade 75, Walls, Steel Reinforcement Bar.....	4.40	
03 21 11 00-0221	LF	#11, Grade 75, Walls, Steel Reinforcement Bar.....	5.26	
03 21 11 00-0222	LF	#14, Grade 75, Walls, Steel Reinforcement Bar.....	7.31	
03 21 11 00-0223	LF	#18, Grade 75, Walls, Steel Reinforcement Bar.....	12.56	
03 21 11 00-0224	LF	#3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar.....	0.49	
03 21 11 00-0225	LF	#4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar.....	0.84	
03 21 11 00-0226	LF	#5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar.....	1.28	
03 21 11 00-0227	LF	#6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar.....	1.77	
03 21 11 00-0228	LF	#7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar.....	2.30	
03 21 11 00-0229	LF	#8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar.....	2.88	
03 21 11 00-0230	LF	#9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar.....	3.56	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0231	LF		#10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	4.35	
03 21 11 00-0232	LF		#11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	5.21	
03 21 11 00-0233	LF		#14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	7.24	
03 21 11 00-0234	LF		#18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	12.42	
<b>03 21 11 00-0235</b>			<b>Mechanical Joint Connection (03 21 11)</b>		
<b>03 21 11 00-0236</b>			<b>Thermal Type Mechanical Joint Connection (03 21 11 00-0235)</b>		
03 21 11 00-0237	EA		Thermal Type Mechanical Joint Connection, Add Per Splice .....	188.58	
<b>03 21 11 00-0238</b>			<b>Screwed Type Mechanical Joint Connection (03 21 11 00-0235)</b>		
03 21 11 00-0239	EA		Screwed Type Mechanical Joint Connection, Add Per Splice.....	104.23	
<b>03 21 11 00-0240</b>			<b>Deformed Straight Dowels (03 21 11)</b>		
			Note: Excludes drilling.		
03 21 11 00-0241	EA		3/8" Diameter x 24" Long, Deformed Straight Dowel .....	2.90	
			For Up To 12" Length, Deduct .....	-0.34	
			For >12" To <24" Length, Deduct .....	-0.17	
03 21 11 00-0242	EA		1/2" Diameter x 24" Long, Deformed Straight Dowel .....	3.47	
			For Up To 12" Length, Deduct .....	-0.45	
			For >12" To <24" Length, Deduct .....	-0.22	
03 21 11 00-0243	EA		5/8" Diameter x 24" Long, Deformed Straight Dowel .....	4.24	
			For Up To 12" Length, Deduct .....	-0.71	
			For >12" To <24" Length, Deduct .....	-0.35	
03 21 11 00-0244	EA		3/4" Diameter x 24" Long, Deformed Straight Dowel .....	5.16	
			For Up To 12" Length, Deduct .....	-1.02	
			For >12" To <24" Length, Deduct .....	-0.51	
03 21 11 00-0245	EA		7/8" Diameter x 24" Long, Deformed Straight Dowel .....	6.08	
			For Up To 12" Length, Deduct .....	-1.42	
			For >12" To <24" Length, Deduct .....	-0.71	
03 21 11 00-0246	EA		1" Diameter x 24" Long, Deformed Straight Dowel .....	7.67	
			For Up To 12" Length, Deduct .....	-1.82	
			For >12" To <24" Length, Deduct .....	-0.91	
03 21 11 00-0247	EA		1-1/8" Diameter x 24" Long, Deformed Straight Dowel .....	9.04	
			For Up To 12" Length, Deduct .....	-2.24	
			For >12" To <24" Length, Deduct .....	-1.12	
03 21 11 00-0248	EA		1-1/4" Diameter x 24" Long, Deformed Straight Dowel .....	11.08	
			For Up To 12" Length, Deduct .....	-2.94	
			For >12" To <24" Length, Deduct .....	-1.47	
03 21 11 00-0249	EA		1-3/8" Diameter x 24" Long, Deformed Straight Dowel .....	13.16	
			For Up To 12" Length, Deduct .....	-3.62	
			For >12" To <24" Length, Deduct .....	-1.81	
<b>03 21 11 00-0250</b>			<b>Spirals, Reinforcing Steel (03 21 11)</b>		
03 21 11 00-0251	TON		Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel .....	3,434.94	
			For Grade 75, Add .....	132.89	
03 21 11 00-0252	TON		>15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,395.02	
			For Grade 75, Add .....	132.89	
03 21 11 00-0253	TON		>24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,364.58	
			For Grade 75, Add .....	132.89	
03 21 11 00-0254	TON		>36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,314.79	
			For Grade 75, Add .....	132.89	
03 21 11 00-0255	TON		>48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,247.46	
			For Grade 75, Add .....	132.89	
03 21 11 00-0256	TON		>64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,224.45	
			For Grade 75, Add .....	136.16	
03 21 11 00-0257	TON		>84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,168.08	
			For Grade 75, Add .....	136.16	
<b>03 21 11 00-0258</b>			<b>Dowel Or Hairpin, Drilled And Epoxy Into Concrete (03 21 11)</b>		
03 21 11 00-0259	EA		Dowels Or Hairpin, 1/2" x 30" Length, Drilled And Epoxy In Concrete, 6" Embedment .....	27.53	
03 21 11 00-0260	EA		Dowels Or Hairpin, 1/2" x 36" Length, Drilled And Epoxy In Concrete, >6" To 12" Embedment.....	28.72	
<b>03 21 11 00-0261</b>			<b>Accessories For Reinforcing Steel (03 21 11)</b>		
<b>03 21 11 00-0262</b>			<b>Reinforcing Steel Lap-Weld Splice (03 21 11 00-0261)</b>		
03 21 11 00-0263	EA		Up To #6 Reinforcing Steel Lap-Weld Splice .....	53.35	
03 21 11 00-0264	EA		>#6 Reinforcing Steel Lap-Weld Splice .....	83.61	
<b>03 21 11 00-0265</b>			<b>Reinforcing Steel Sleeve And Wedge Splice Joint (03 21 11 00-0261)</b>		
03 21 11 00-0266	EA		Up To #4 Reinforcing Steel, Sleeve And Wedge Splice Joint .....	29.36	
03 21 11 00-0267	EA		#5 Reinforcing Steel, Sleeve And Wedge Splice Joint.....	42.47	
03 21 11 00-0268	EA		#6 Reinforcing Steel, Sleeve And Wedge Splice Joint.....	60.81	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**03 21 13 Galvanized Reinforcement Steel Bars (03 21)**

**03 21 13 00-0001 Beams And Girders, Galvanized Steel Reinforcement Bar (03 21 13)**

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0002	LF	#3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar .....	0.70
03 21 13 00-0003	LF	#4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar .....	1.19
03 21 13 00-0004	LF	#5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar .....	1.79
03 21 13 00-0005	LF	#6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar .....	2.47
03 21 13 00-0006	LF	#3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar .....	0.71
03 21 13 00-0007	LF	#4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar .....	1.21
03 21 13 00-0008	LF	#5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar .....	1.82
03 21 13 00-0009	LF	#6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar .....	2.51
03 21 13 00-0010	LF	#3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	0.73
03 21 13 00-0011	LF	#4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	1.24
03 21 13 00-0012	LF	#5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	1.86
03 21 13 00-0013	LF	#6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	2.57
03 21 13 00-0014	LF	#7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	3.34
03 21 13 00-0015	LF	#8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	4.17
03 21 13 00-0016	LF	#9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	5.13
03 21 13 00-0017	LF	#10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	6.27
03 21 13 00-0018	LF	#11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	7.48
03 21 13 00-0019	LF	#14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	10.37
03 21 13 00-0020	LF	#18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	17.75
03 21 13 00-0021	LF	#6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar .....	2.63
03 21 13 00-0022	LF	#7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar .....	3.42
03 21 13 00-0023	LF	#8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar .....	4.28
03 21 13 00-0024	LF	#9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar .....	5.27
03 21 13 00-0025	LF	#10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar .....	6.45
03 21 13 00-0026	LF	#11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar .....	7.70
03 21 13 00-0027	LF	#14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar .....	10.69
03 21 13 00-0028	LF	#18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar .....	18.31

**03 21 13 00-0029 Columns, Galvanized Steel Reinforcement Bar (03 21 13)**

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0030	LF	#3, Grade 40, Columns, Galvanized Steel Reinforcement Bar .....	0.73
03 21 13 00-0031	LF	#4, Grade 40, Columns, Galvanized Steel Reinforcement Bar .....	1.26
03 21 13 00-0032	LF	#5, Grade 40, Columns, Galvanized Steel Reinforcement Bar .....	1.88
03 21 13 00-0033	LF	#6, Grade 40, Columns, Galvanized Steel Reinforcement Bar .....	2.59
03 21 13 00-0034	LF	#3, Grade 50, Columns, Galvanized Steel Reinforcement Bar .....	0.74
03 21 13 00-0035	LF	#4, Grade 50, Columns, Galvanized Steel Reinforcement Bar .....	1.28
03 21 13 00-0036	LF	#5, Grade 50, Columns, Galvanized Steel Reinforcement Bar .....	1.91
03 21 13 00-0037	LF	#6, Grade 50, Columns, Galvanized Steel Reinforcement Bar .....	2.63
03 21 13 00-0038	LF	#3, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	0.76
03 21 13 00-0039	LF	#4, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	1.31
03 21 13 00-0040	LF	#5, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	1.95
03 21 13 00-0041	LF	#6, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	2.69
03 21 13 00-0042	LF	#7, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	3.50
03 21 13 00-0043	LF	#8, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	4.34
03 21 13 00-0044	LF	#9, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	5.33
03 21 13 00-0045	LF	#10, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	6.50
03 21 13 00-0046	LF	#11, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	7.74
03 21 13 00-0047	LF	#14, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	10.73
03 21 13 00-0048	LF	#18, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	18.30
03 21 13 00-0049	LF	#6, Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	2.75
03 21 13 00-0050	LF	#7, Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	3.58
03 21 13 00-0051	LF	#8, Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	4.45
03 21 13 00-0052	LF	#9, Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	5.47
03 21 13 00-0053	LF	#10, Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	6.68
03 21 13 00-0054	LF	#11, Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	7.96
03 21 13 00-0055	LF	#14, Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	11.05
03 21 13 00-0056	LF	#18, Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	18.86

**03 21 13 00-0057 Footings, Galvanized Steel Reinforcement Bar (03 21 13)**

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0058	LF	#3, Grade 40, Footings, Galvanized Steel Reinforcement Bar .....	0.64
03 21 13 00-0059	LF	#4, Grade 40, Footings, Galvanized Steel Reinforcement Bar .....	1.10
03 21 13 00-0060	LF	#5, Grade 40, Footings, Galvanized Steel Reinforcement Bar .....	1.66
03 21 13 00-0061	LF	#6, Grade 40, Footings, Galvanized Steel Reinforcement Bar .....	2.29
03 21 13 00-0062	LF	#3, Grade 50, Footings, Galvanized Steel Reinforcement Bar .....	0.65
03 21 13 00-0063	LF	#4, Grade 50, Footings, Galvanized Steel Reinforcement Bar .....	1.12
03 21 13 00-0064	LF	#5, Grade 50, Footings, Galvanized Steel Reinforcement Bar .....	1.69
03 21 13 00-0065	LF	#6, Grade 50, Footings, Galvanized Steel Reinforcement Bar .....	2.33
03 21 13 00-0066	LF	#3, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	0.67
03 21 13 00-0067	LF	#4, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	1.15
03 21 13 00-0068	LF	#5, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	1.73
03 21 13 00-0069	LF	#6, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	2.39
03 21 13 00-0070	LF	#7, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	3.12
03 21 13 00-0071	LF	#8, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	3.90
03 21 13 00-0072	LF	#9, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	4.82



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 21	13 00-0073	LF	#10, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	5.91
03 21	13 00-0074	LF	#11, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	7.07
03 21	13 00-0075	LF	#14, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	9.85
03 21	13 00-0076	LF	#18, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	16.91
03 21	13 00-0077	LF	#6, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....	2.45
03 21	13 00-0078	LF	#7, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....	3.20
03 21	13 00-0079	LF	#8, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....	4.01
03 21	13 00-0080	LF	#9, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....	4.96
03 21	13 00-0081	LF	#10, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....	6.09
03 21	13 00-0082	LF	#11, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....	7.29
03 21	13 00-0083	LF	#14, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....	10.17
03 21	13 00-0084	LF	#18, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....	17.47

### 03 21 13 00-0085 Slab On Grade, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21	13 00-0086	LF	#3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar .....	0.62
03 21	13 00-0087	LF	#4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.06
03 21	13 00-0088	LF	#5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.61
03 21	13 00-0089	LF	#6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar .....	2.22
03 21	13 00-0090	LF	#3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar .....	0.63
03 21	13 00-0091	LF	#4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.08
03 21	13 00-0092	LF	#5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.64
03 21	13 00-0093	LF	#6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar .....	2.26
03 21	13 00-0094	LF	#3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	0.65
03 21	13 00-0095	LF	#4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.11
03 21	13 00-0096	LF	#5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.68
03 21	13 00-0097	LF	#6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	2.32
03 21	13 00-0098	LF	#7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	3.05
03 21	13 00-0099	LF	#8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	3.81
03 21	13 00-0100	LF	#9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	4.72
03 21	13 00-0101	LF	#10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	5.79
03 21	13 00-0102	LF	#11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	6.94
03 21	13 00-0103	LF	#14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	9.67
03 21	13 00-0104	LF	#18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	16.64
03 21	13 00-0105	LF	#6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	2.38
03 21	13 00-0106	LF	#7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	3.13
03 21	13 00-0107	LF	#8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	3.92
03 21	13 00-0108	LF	#9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	4.86
03 21	13 00-0109	LF	#10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	5.97
03 21	13 00-0110	LF	#11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	7.16
03 21	13 00-0111	LF	#14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	9.99
03 21	13 00-0112	LF	#18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	17.20

### 03 21 13 00-0113 Elevated Slabs, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21	13 00-0114	LF	#3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	0.58
03 21	13 00-0115	LF	#4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	0.99
03 21	13 00-0116	LF	#5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	1.52
03 21	13 00-0117	LF	#6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	2.10
03 21	13 00-0118	LF	#3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	0.59
03 21	13 00-0119	LF	#4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	1.01
03 21	13 00-0120	LF	#5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	1.55
03 21	13 00-0121	LF	#6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	2.14
03 21	13 00-0122	LF	#3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	0.61
03 21	13 00-0123	LF	#4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	1.04
03 21	13 00-0124	LF	#5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	1.59
03 21	13 00-0125	LF	#6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	2.20
03 21	13 00-0126	LF	#7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	2.90
03 21	13 00-0127	LF	#8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	3.63
03 21	13 00-0128	LF	#9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	4.51
03 21	13 00-0129	LF	#10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	5.56
03 21	13 00-0130	LF	#11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	6.67
03 21	13 00-0131	LF	#14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	9.32
03 21	13 00-0132	LF	#18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	16.10
03 21	13 00-0133	LF	#6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	2.26
03 21	13 00-0134	LF	#7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	2.98
03 21	13 00-0135	LF	#8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	3.74
03 21	13 00-0136	LF	#9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	4.65
03 21	13 00-0137	LF	#10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	5.74
03 21	13 00-0138	LF	#11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	6.89
03 21	13 00-0139	LF	#14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	9.64
03 21	13 00-0140	LF	#18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	16.66

### 03 21 13 00-0141 Walls, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21	13 00-0142	LF	#3, Grade 40, Walls, Galvanized Steel Reinforcement Bar .....	0.56
03 21	13 00-0143	LF	#4, Grade 40, Walls, Galvanized Steel Reinforcement Bar .....	0.96
03 21	13 00-0144	LF	#5, Grade 40, Walls, Galvanized Steel Reinforcement Bar .....	1.47



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0145	LF			#6, Grade 40, Walls, Galvanized Steel Reinforcement Bar .....	2.04	
03 21 13 00-0146	LF			#3, Grade 50, Walls, Galvanized Steel Reinforcement Bar .....	0.57	
03 21 13 00-0147	LF			#4, Grade 50, Walls, Galvanized Steel Reinforcement Bar .....	0.98	
03 21 13 00-0148	LF			#5, Grade 50, Walls, Galvanized Steel Reinforcement Bar .....	1.50	
03 21 13 00-0149	LF			#6, Grade 50, Walls, Galvanized Steel Reinforcement Bar .....	2.08	
03 21 13 00-0150	LF			#3, Grade 60, Walls, Galvanized Steel Reinforcement Bar .....	0.59	
03 21 13 00-0151	LF			#4, Grade 60, Walls, Galvanized Steel Reinforcement Bar .....	1.01	
03 21 13 00-0152	LF			#5, Grade 60, Walls, Galvanized Steel Reinforcement Bar .....	1.54	
03 21 13 00-0153	LF			#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar .....	2.14	
03 21 13 00-0154	LF			#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar .....	2.81	
03 21 13 00-0155	LF			#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar .....	3.55	
03 21 13 00-0156	LF			#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar .....	4.41	
03 21 13 00-0157	LF			#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar .....	5.43	
03 21 13 00-0158	LF			#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar .....	6.54	
03 21 13 00-0159	LF			#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar .....	9.15	
03 21 13 00-0160	LF			#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar .....	15.82	
03 21 13 00-0161	LF			#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar .....	2.20	
03 21 13 00-0162	LF			#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar .....	2.89	
03 21 13 00-0163	LF			#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar .....	3.66	
03 21 13 00-0164	LF			#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar .....	4.55	
03 21 13 00-0165	LF			#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar .....	5.61	
03 21 13 00-0166	LF			#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar .....	6.76	
03 21 13 00-0167	LF			#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar .....	9.47	
03 21 13 00-0168	LF			#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar .....	16.38	

**03 21 16 Epoxy-Coated Reinforcement Steel Bars (03 21)**

**03 21 16 00-0001 Beams And Girders, Epoxy Coated Steel Reinforcement Bar (03 21 16)**

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0002	LF			#3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	0.69	
03 21 16 00-0003	LF			#4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	1.17	
03 21 16 00-0004	LF			#5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	1.75	
03 21 16 00-0005	LF			#6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	2.42	
03 21 16 00-0006	LF			#3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	0.70	
03 21 16 00-0007	LF			#4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	1.19	
03 21 16 00-0008	LF			#5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	1.78	
03 21 16 00-0009	LF			#6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	2.46	
03 21 16 00-0010	LF			#3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	0.72	
03 21 16 00-0011	LF			#4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	1.22	
03 21 16 00-0012	LF			#5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	1.83	
03 21 16 00-0013	LF			#6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	2.53	
03 21 16 00-0014	LF			#7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	3.28	
03 21 16 00-0015	LF			#8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	4.09	
03 21 16 00-0016	LF			#9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	5.02	
03 21 16 00-0017	LF			#10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	6.14	
03 21 16 00-0018	LF			#11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	7.32	
03 21 16 00-0019	LF			#14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	10.14	
03 21 16 00-0020	LF			#18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	17.34	
03 21 16 00-0021	LF			#6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	2.59	
03 21 16 00-0022	LF			#7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	3.36	
03 21 16 00-0023	LF			#8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	4.20	
03 21 16 00-0024	LF			#9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	5.16	
03 21 16 00-0025	LF			#10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	6.32	
03 21 16 00-0026	LF			#11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	7.54	
03 21 16 00-0027	LF			#14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	10.45	
03 21 16 00-0028	LF			#18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....	17.90	

**03 21 16 00-0029 Columns, Epoxy Coated Steel Reinforcement Bar (03 21 16)**

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0030	LF			#3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar .....	0.72	
03 21 16 00-0031	LF			#4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar .....	1.24	
03 21 16 00-0032	LF			#5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar .....	1.84	
03 21 16 00-0033	LF			#6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar .....	2.54	
03 21 16 00-0034	LF			#3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar .....	0.73	
03 21 16 00-0035	LF			#4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar .....	1.26	
03 21 16 00-0036	LF			#5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar .....	1.87	
03 21 16 00-0037	LF			#6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar .....	2.58	
03 21 16 00-0038	LF			#3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....	0.75	
03 21 16 00-0039	LF			#4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....	1.29	
03 21 16 00-0040	LF			#5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....	1.92	
03 21 16 00-0041	LF			#6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....	2.65	
03 21 16 00-0042	LF			#7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....	3.44	
03 21 16 00-0043	LF			#8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....	4.26	
03 21 16 00-0044	LF			#9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....	5.22	
03 21 16 00-0045	LF			#10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....	6.37	
03 21 16 00-0046	LF			#11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....	7.58	
03 21 16 00-0047	LF			#14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....	10.50	
03 21 16 00-0048	LF			#18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....	17.89	
03 21 16 00-0049	LF			#6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar .....	2.71	
03 21 16 00-0050	LF			#7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar .....	3.52	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 21 16 00-0051	LF	#8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar .....	4.37
03 21 16 00-0052	LF	#9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar .....	5.36
03 21 16 00-0053	LF	#10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar .....	6.55
03 21 16 00-0054	LF	#11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar .....	7.80
03 21 16 00-0055	LF	#14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar .....	10.81
03 21 16 00-0056	LF	#18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar .....	18.45

### 03 21 16 00-0057 Footings, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0058	LF	#3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar .....	0.63
03 21 16 00-0059	LF	#4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar .....	1.08
03 21 16 00-0060	LF	#5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar .....	1.62
03 21 16 00-0061	LF	#6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar .....	2.24
03 21 16 00-0062	LF	#3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar .....	0.64
03 21 16 00-0063	LF	#4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar .....	1.10
03 21 16 00-0064	LF	#5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar .....	1.65
03 21 16 00-0065	LF	#6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar .....	2.28
03 21 16 00-0066	LF	#3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar .....	0.66
03 21 16 00-0067	LF	#4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar .....	1.13
03 21 16 00-0068	LF	#5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar .....	1.70
03 21 16 00-0069	LF	#6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar .....	2.35
03 21 16 00-0070	LF	#7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar .....	3.06
03 21 16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar .....	3.82
03 21 16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar .....	4.71
03 21 16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar .....	5.78
03 21 16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar .....	6.91
03 21 16 00-0075	LF	#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar .....	9.62
03 21 16 00-0076	LF	#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar .....	16.50
03 21 16 00-0077	LF	#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar .....	2.41
03 21 16 00-0078	LF	#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar .....	3.14
03 21 16 00-0079	LF	#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar .....	3.93
03 21 16 00-0080	LF	#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar .....	4.85
03 21 16 00-0081	LF	#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar .....	5.96
03 21 16 00-0082	LF	#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar .....	7.13
03 21 16 00-0083	LF	#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar .....	9.93
03 21 16 00-0084	LF	#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar .....	17.06

### 03 21 16 00-0085 Slab On Grade, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0086	LF	#3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	0.61
03 21 16 00-0087	LF	#4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	1.04
03 21 16 00-0088	LF	#5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	1.57
03 21 16 00-0089	LF	#6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	2.17
03 21 16 00-0090	LF	#3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	0.62
03 21 16 00-0091	LF	#4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	1.06
03 21 16 00-0092	LF	#5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	1.60
03 21 16 00-0093	LF	#6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	2.21
03 21 16 00-0094	LF	#3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	0.64
03 21 16 00-0095	LF	#4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	1.09
03 21 16 00-0096	LF	#5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	1.65
03 21 16 00-0097	LF	#6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	2.28
03 21 16 00-0098	LF	#7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	2.99
03 21 16 00-0099	LF	#8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	3.73
03 21 16 00-0100	LF	#9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	4.61
03 21 16 00-0101	LF	#10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	5.66
03 21 16 00-0102	LF	#11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	6.78
03 21 16 00-0103	LF	#14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	9.44
03 21 16 00-0104	LF	#18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	16.23
03 21 16 00-0105	LF	#6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	2.34
03 21 16 00-0106	LF	#7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	3.07
03 21 16 00-0107	LF	#8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	3.84
03 21 16 00-0108	LF	#9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	4.75
03 21 16 00-0109	LF	#10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	5.84
03 21 16 00-0110	LF	#11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	7.00
03 21 16 00-0111	LF	#14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	9.75
03 21 16 00-0112	LF	#18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar .....	16.79

### 03 21 16 00-0113 Elevated Slabs, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0114	LF	#3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar .....	0.57
03 21 16 00-0115	LF	#4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar .....	0.97
03 21 16 00-0116	LF	#5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar .....	1.48
03 21 16 00-0117	LF	#6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar .....	2.05
03 21 16 00-0118	LF	#3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar .....	0.58
03 21 16 00-0119	LF	#4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar .....	0.99
03 21 16 00-0120	LF	#5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar .....	1.51
03 21 16 00-0121	LF	#6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar .....	2.09
03 21 16 00-0122	LF	#3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar .....	0.60



<b>Concrete</b>	<b>03</b>	<b>CS</b>
<b>Concrete Reinforcing</b>	<b>03 20</b>	
<b>Reinforcement Bars</b>	<b>03 21</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0123 LF #4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.02	
03 21 16 00-0124 LF #5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.56	
03 21 16 00-0125 LF #6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.16	
03 21 16 00-0126 LF #7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.84	
03 21 16 00-0127 LF #8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	3.55	
03 21 16 00-0128 LF #9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	4.40	
03 21 16 00-0129 LF #10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	5.43	
03 21 16 00-0130 LF #11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	6.51	
03 21 16 00-0131 LF #14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	9.09	
03 21 16 00-0132 LF #18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	15.69	
03 21 16 00-0133 LF #6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.22	
03 21 16 00-0134 LF #7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.92	
03 21 16 00-0135 LF #8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	3.66	
03 21 16 00-0136 LF #9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	4.54	
03 21 16 00-0137 LF #10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	5.61	
03 21 16 00-0138 LF #11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	6.73	
03 21 16 00-0139 LF #14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	9.40	
03 21 16 00-0140 LF #18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	16.25	

**03 21 16 00-0141 Walls, Epoxy Coated Steel Reinforcement Bar (03 21 16)**

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0142 LF #3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.55	
03 21 16 00-0143 LF #4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.94	
03 21 16 00-0144 LF #5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.43	
03 21 16 00-0145 LF #6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.99	
03 21 16 00-0146 LF #3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.56	
03 21 16 00-0147 LF #4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.96	
03 21 16 00-0148 LF #5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.46	
03 21 16 00-0149 LF #6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.03	
03 21 16 00-0150 LF #3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.58	
03 21 16 00-0151 LF #4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.99	
03 21 16 00-0152 LF #5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.51	
03 21 16 00-0153 LF #6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.10	
03 21 16 00-0154 LF #7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.75	
03 21 16 00-0155 LF #8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.47	
03 21 16 00-0156 LF #9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.30	
03 21 16 00-0157 LF #10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	5.30	
03 21 16 00-0158 LF #11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	6.38	
03 21 16 00-0159 LF #14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	8.92	
03 21 16 00-0160 LF #18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	15.41	
03 21 16 00-0161 LF #6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.16	
03 21 16 00-0162 LF #7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.83	
03 21 16 00-0163 LF #8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.58	
03 21 16 00-0164 LF #9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.44	
03 21 16 00-0165 LF #10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	5.48	
03 21 16 00-0166 LF #11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	6.60	
03 21 16 00-0167 LF #14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	9.23	
03 21 16 00-0168 LF #18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	15.97	

**03 21 16 00-0169 Epoxy Coated Deformed Straight Dowels (03 21 16)**

Note: Excludes drilling.

03 21 16 00-0170 EA 3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	4.82	
For Up To 12" Length, Deduct	-0.48	
For >12" To <24" Length, Deduct	-0.24	
03 21 16 00-0171 EA 1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	5.67	
For Up To 12" Length, Deduct	-0.72	
For >12" To <24" Length, Deduct	-0.36	
03 21 16 00-0172 EA 5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	7.02	
For Up To 12" Length, Deduct	-1.07	
For >12" To <24" Length, Deduct	-0.54	
03 21 16 00-0173 EA 3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	8.72	
For Up To 12" Length, Deduct	-1.43	
For >12" To <24" Length, Deduct	-0.71	
03 21 16 00-0174 EA 7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	10.48	
For Up To 12" Length, Deduct	-1.94	
For >12" To <24" Length, Deduct	-0.97	
03 21 16 00-0175 EA 1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	12.19	
For Up To 12" Length, Deduct	-2.39	
For >12" To <24" Length, Deduct	-1.20	
03 21 16 00-0176 EA 1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	14.39	
For Up To 12" Length, Deduct	-2.90	
For >12" To <24" Length, Deduct	-1.45	
03 21 16 00-0177 EA 1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	17.32	
For Up To 12" Length, Deduct	-3.51	
For >12" To <24" Length, Deduct	-1.75	

**03 22 Fabric and Grid Reinforcing (03 20)**

**03 22 11 Plain Steel Welded Wire Fabric Reinforcing (03 22)**

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

<b>03</b>	<b>Concrete</b>
<b>03 20</b>	<b>Concrete Reinforcing</b>
<b>03 22</b>	<b>Fabric and Grid Reinforcing</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 22 11 00-0001			<b>Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs</b> (03 22 11) Note: Includes bar chairs. Under 5 tons. ASTM A-185		
03 22 11 00-0002	SF		6" x 6" x #10, 21 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) ..... <i>For &gt;5 Ton, Deduct</i>	0.81 -0.12	
03 22 11 00-0003	SF		6" x 6" x #8, 30 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) ..... <i>For &gt;5 Ton, Deduct</i>	0.93 -0.14	
03 22 11 00-0004	SF		6" x 6" x #6, 42 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) ..... <i>For &gt;5 Ton, Deduct</i>	1.06 -0.16	
03 22 11 00-0005	SF		6" x 6" x #4, 58 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) ..... <i>For &gt;5 Ton, Deduct</i>	1.26 -0.18	
03 22 11 00-0006	SF		4" x 4" x #10, 31 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) ..... <i>For &gt;5 Ton, Deduct</i>	0.97 -0.14	
03 22 11 00-0007	SF		4" x 4" x #8, 44 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) ..... <i>For &gt;5 Ton, Deduct</i>	1.10 -0.16	
03 22 11 00-0008	SF		4" x 4" x #6, 62 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) ..... <i>For &gt;5 Ton, Deduct</i>	1.39 -0.19	
03 22 11 00-0009	SF		4" x 4" x #4, 85 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) ..... <i>For &gt;5 Ton, Deduct</i>	1.62 -0.22	
03 22 11 00-0010	SF		2" x 2" x #12, 37 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W0.9 x W0.9) ..... <i>For &gt;5 Ton, Deduct</i>	1.51 -0.20	
<b>03 22 13</b>			<b>Galvanized Welded Wire Fabric Reinforcing</b> (03 22)		
03 22 13 00-0001			<b>Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs</b> (03 22 13) Note: Includes bar chairs. Under 5 tons.		
03 22 13 00-0002	SF		6" x 6" x #10, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) ..... <i>For &gt;5 Ton, Deduct</i>	0.91 -0.13	
03 22 13 00-0003	SF		6" x 6" x #8, 29 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) ..... <i>For &gt;5 Ton, Deduct</i>	1.04 -0.15	
03 22 13 00-0004	SF		6" x 6" x #6, 42 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) ..... <i>For &gt;5 Ton, Deduct</i>	1.21 -0.17	
03 22 13 00-0005	SF		6" x 6" x #4, 58 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) ..... <i>For &gt;5 Ton, Deduct</i>	1.46 -0.20	
03 22 13 00-0006	SF		4" x 4" x #10, 31 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) ..... <i>For &gt;5 Ton, Deduct</i>	1.10 -0.16	
03 22 13 00-0007	SF		4" x 4" x #8, 43 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) ..... <i>For &gt;5 Ton, Deduct</i>	1.26 -0.18	
03 22 13 00-0008	SF		4" x 4" x #6, 62 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) ..... <i>For &gt;5 Ton, Deduct</i>	1.65 -0.22	
03 22 13 00-0009	SF		4" x 4" x #4, 85 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) ..... <i>For &gt;5 Ton, Deduct</i>	1.95 -0.25	
03 22 13 00-0010			<b>Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns</b> (03 22 13) Note: Includes bar chairs. Under 5 tons.		
03 22 13 00-0011	SF		2" x 2" x #14, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns (W0.5 x W0.5) ..... <i>For &gt;5 Ton, Deduct</i>	3.16 -0.49	
<b>03 22 16</b>			<b>Epoxy-Coated Welded Wire Fabric Reinforcing</b> (03 22)		
03 22 16 00-0001			<b>Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs</b> (03 22 16) Note: Includes bar chairs. Under 5 tons.		
03 22 16 00-0002	SF		6" x 6" x #10, 21 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) ..... <i>For &gt;5 Ton, Deduct</i>	0.89 -0.13	
03 22 16 00-0003	SF		6" x 6" x #8, 29 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) ..... <i>For &gt;5 Ton, Deduct</i>	1.02 -0.15	
03 22 16 00-0004	SF		6" x 6" x #6, 42 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) ..... <i>For &gt;5 Ton, Deduct</i>	1.19 -0.17	
03 22 16 00-0005	SF		6" x 6" x #4, 58 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) ..... <i>For &gt;5 Ton, Deduct</i>	1.43 -0.20	
03 22 16 00-0006	SF		4" x 4" x #10, 31 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) ..... <i>For &gt;5 Ton, Deduct</i>	1.08 -0.15	
03 22 16 00-0007	SF		4" x 4" x #8, 43 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) ..... <i>For &gt;5 Ton, Deduct</i>	1.24 -0.17	
03 22 16 00-0008	SF		4" x 4" x #6, 62 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) ..... <i>For &gt;5 Ton, Deduct</i>	1.62 -0.21	
03 22 16 00-0009	SF		4" x 4" x #4, 85 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) ..... <i>For &gt;5 Ton, Deduct</i>	1.91 -0.25	
<b>03 22 23</b>			<b>Stainless Steel Welded Wire Fabric Reinforcing</b> (03 22) Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.		
03 22 23 00-0001			<b>Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs</b> (03 22 23)		
03 22 23 00-0002	SF		6" x 6" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs .....	1.51	
03 22 23 00-0003	SF		4" x 4" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs .....	1.94	





<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Concrete Reinforcing</b>	<b>03 20</b>	
<b>Fabric and Grid Reinforcing</b>	<b>03 22</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**03 30 Cast-In-Place Concrete** (03)

See CSI section 01 74 19 00-0039 for hauling over 15 miles.

**03 30 53 Miscellaneous Cast-in-Place Concrete** (03 30)

**03 30 53 00-0001 Place Concrete Thrust Blocks And Backfill** (03 30 53)

03 30 53 00-0002	CY	Direct Chute, Place 3,000 PSI Concrete Thrust Blocks .....	289.27
		<i>For 2,000 PSI Concrete, Deduct</i>	-11.88
		<i>For 2,500 PSI Concrete, Deduct</i>	-5.94
		<i>For 3,500 PSI Concrete, Add</i>	11.00
		<i>For 3,750 PSI Concrete, Add</i>	14.96
		<i>For 4,000 PSI Concrete, Add</i>	18.92
		<i>For 4,500 PSI Concrete, Add</i>	22.00
		<i>For 5,000 PSI Concrete, Add</i>	25.08
		<i>For 6,000 PSI Concrete, Add</i>	59.40
		<i>For White Cement Concrete, Add</i>	26.40
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	28.60
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	22.00
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	66.00
		<i>For Up To 20, Add</i>	27.71
		<i>For &gt;20 To 50, Add</i>	10.39
		<i>For &gt;100 To 200, Deduct</i>	-5.79
		<i>For &gt;200 To 400, Deduct</i>	-11.57
		<i>For &gt;400, Deduct</i>	-17.36

**03 30 53 00-0003 Place Concrete Slurry** (03 30 53)

03 30 53 00-0004	CY	Direct Chute, Place Two Sack Cement, Concrete Slurry .....	229.18
		Note: Two 94# sack cement per CY.	
03 30 53 00-0005	CY	Concrete Pump, Place Two Sack Cement, Concrete Slurry .....	223.06
		Note: Two 94# sack cement per CY. Excludes pumping equipment.	

**03 30 53 00-0006 Hand Mix And Place Concrete** (03 30 53)

03 30 53 00-0007	CF	Hand Mix And Place Concrete .....	32.59
		Note: For use where conventional equipment access is limited or when directed by the owner.	
		<i>For 2,000 PSI Concrete, Deduct</i>	-0.51
		<i>For 2,500 PSI Concrete, Deduct</i>	-0.25
		<i>For 3,500 PSI Concrete, Add</i>	0.47
		<i>For 3,750 PSI Concrete, Add</i>	0.64
		<i>For 4,000 PSI Concrete, Add</i>	0.81
		<i>For 4,500 PSI Concrete, Add</i>	0.94
		<i>For 5,000 PSI Concrete, Add</i>	1.07
		<i>For 6,000 PSI Concrete, Add</i>	2.54
		<i>For White Cement Concrete, Add</i>	1.13
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	1.22
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	0.94
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	2.82

**03 31 Structural Concrete** (03 30)

**03 31 13 Heavyweight Structural Concrete** (03 31)

Note: Includes delivery, fuel charge and placement of material. See CSI section 03 05 13 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

**03 31 13 00-0001 Concrete Slab Assemblies** (03 31 13)

**03 31 13 00-0002 3,000 PSI Slab On Grade Concrete Slabs Assemblies** (03 31 13 00-0001)

Note: Includes forms, welded wire reinforcement (where necessary), #3 to #6 reinforcing rods at 12" on center each way with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 13 00-0001 for color additive alternative, 03 37 16 00-0001 for concrete pumping equipment.

03 31 13 00-0003	SF	4" 3,000 PSI Slab On Grade Concrete Slabs Assembly .....	8.85
		<i>For 2,000 PSI Concrete, Deduct</i>	-0.29
		<i>For 2,500 PSI Concrete, Deduct</i>	-0.14
		<i>For 3,500 PSI Concrete, Add</i>	0.10
		<i>For 4,000 PSI Concrete, Add</i>	0.34
		<i>For Reinforcing Rods Are At 18" On Center, Deduct</i>	-0.13
		<i>For Reinforcing Rods Are At 24" On Center, Deduct</i>	-0.40
		<i>For Up To 500, Add</i>	3.17
		<i>For &gt;500 To 1,000, Add</i>	2.21
		<i>For &gt;1,000 To 2,000, Add</i>	1.24
		<i>For &gt;2,000 To 5,000, Add</i>	0.62
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.27
		<i>For &gt;20,000 To 35,000, Deduct</i>	-0.49
		<i>For &gt;35,000 To 50,000, Deduct</i>	-0.71
		<i>For &gt;50,000 To 70,000, Deduct</i>	-0.93
		<i>For &gt;70,000, Deduct</i>	-1.15

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 31</b>	<b>Structural Concrete</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31	13 00-0004	SF	5" 3,000 PSI Slab On Grade Concrete Slabs Assembly .....	9.74	
			For 2,000 PSI Concrete, Deduct	-0.33	
			For 2,500 PSI Concrete, Deduct	-0.16	
			For 3,500 PSI Concrete, Add	0.12	
			For 4,000 PSI Concrete, Add	0.38	
			For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
			For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
			For Up To 500, Add	3.42	
			For >500 To 1,000, Add	2.38	
			For >1,000 To 2,000, Add	1.34	
			For >2,000 To 5,000, Add	0.67	
			For >10,000 To 20,000, Deduct	-0.30	
			For >20,000 To 35,000, Deduct	-0.55	
			For >35,000 To 50,000, Deduct	-0.79	
			For >50,000 To 70,000, Deduct	-1.03	
			For >70,000, Deduct	-1.28	
03 31	13 00-0005	SF	6" 3,000 PSI Slab On Grade Concrete Slabs Assembly .....	11.01	
			For 2,000 PSI Concrete, Deduct	-0.38	
			For 2,500 PSI Concrete, Deduct	-0.19	
			For 3,500 PSI Concrete, Add	0.13	
			For 4,000 PSI Concrete, Add	0.45	
			For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
			For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
			For Up To 500, Add	3.77	
			For >500 To 1,000, Add	2.63	
			For >1,000 To 2,000, Add	1.49	
			For >2,000 To 5,000, Add	0.75	
			For >10,000 To 20,000, Deduct	-0.35	
			For >20,000 To 35,000, Deduct	-0.63	
			For >35,000 To 50,000, Deduct	-0.91	
			For >50,000 To 70,000, Deduct	-1.18	
			For >70,000, Deduct	-1.46	
03 31	13 00-0006	SF	7" 3,000 PSI Slab On Grade Concrete Slabs Assembly .....	12.23	
			For 2,000 PSI Concrete, Deduct	-0.44	
			For 2,500 PSI Concrete, Deduct	-0.22	
			For 3,500 PSI Concrete, Add	0.16	
			For 4,000 PSI Concrete, Add	0.51	
			For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
			For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
			For Up To 500, Add	4.07	
			For >500 To 1,000, Add	2.85	
			For >1,000 To 2,000, Add	1.63	
			For >2,000 To 5,000, Add	0.82	
			For >10,000 To 20,000, Deduct	-0.41	
			For >20,000 To 35,000, Deduct	-0.71	
			For >35,000 To 50,000, Deduct	-1.02	
			For >50,000 To 70,000, Deduct	-1.33	
			For >70,000, Deduct	-1.63	
03 31	13 00-0007	SF	8" 3,000 PSI Slab On Grade Concrete Slabs Assembly .....	13.27	
			For 2,000 PSI Concrete, Deduct	-0.49	
			For 2,500 PSI Concrete, Deduct	-0.24	
			For 3,500 PSI Concrete, Add	0.17	
			For 4,000 PSI Concrete, Add	0.57	
			For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
			For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
			For Up To 500, Add	4.35	
			For >500 To 1,000, Add	3.05	
			For >1,000 To 2,000, Add	1.75	
			For >2,000 To 5,000, Add	0.88	
			For >10,000 To 20,000, Deduct	-0.45	
			For >20,000 To 35,000, Deduct	-0.78	
			For >35,000 To 50,000, Deduct	-1.12	
			For >50,000 To 70,000, Deduct	-1.45	
			For >70,000, Deduct	-1.78	
03 31	13 00-0008	SF	10" 3,000 PSI Slab On Grade Concrete Slabs Assembly .....	15.97	
			For 2,000 PSI Concrete, Deduct	-0.62	
			For 2,500 PSI Concrete, Deduct	-0.31	
			For 3,500 PSI Concrete, Add	0.22	
			For 4,000 PSI Concrete, Add	0.72	
			For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
			For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
			For Up To 500, Add	5.02	
			For >500 To 1,000, Add	3.54	
			For >1,000 To 2,000, Add	2.05	
			For >2,000 To 5,000, Add	1.03	
			For >10,000 To 20,000, Deduct	-0.57	
			For >20,000 To 35,000, Deduct	-0.97	
			For >35,000 To 50,000, Deduct	-1.37	
			For >50,000 To 70,000, Deduct	-1.77	
			For >70,000, Deduct	-2.17	



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0009 SF 12" 3,000 PSI Slab On Grade Concrete Slabs Assembly .....	18.04	
For 2,000 PSI Concrete, Deduct	-0.71	
For 2,500 PSI Concrete, Deduct	-0.36	
For 3,500 PSI Concrete, Add	0.25	
For 4,000 PSI Concrete, Add	0.83	
For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
For Up To 500, Add	5.56	
For >500 To 1,000, Add	3.93	
For >1,000 To 2,000, Add	2.29	
For >2,000 To 5,000, Add	1.15	
For >10,000 To 20,000, Deduct	-0.66	
For >20,000 To 35,000, Deduct	-1.11	
For >35,000 To 50,000, Deduct	-1.56	
For >50,000 To 70,000, Deduct	-2.01	
For >70,000, Deduct	-2.46	
 03 31 13 00-0010 Concrete Delivery And Placement <small>(03 31 13)</small>		
Note: Includes cleaning out equipment and standard concrete placement tests. See CSI section 03 05 13 00-0001 for admixtures.		
 03 31 13 00-0011 Place Concrete By Method Indicated <small>(03 31 13 00-0010)</small>		
Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 37 16 00-0001 for concrete pumping equipment.		
 03 31 13 00-0012 Place Concrete Pile Caps <small>(03 31 13 00-0011)</small>		
03 31 13 00-0013 CY Crane And Bucket, Place 3,000 PSI Concrete Pile Caps .....	335.02	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	46.01	
For >20 To 50, Add	17.25	
For >100 To 200, Deduct	-6.70	
For >200 To 400, Deduct	-13.40	
For >400, Deduct	-20.10	
03 31 13 00-0014 CY Direct Chute, Place 3,000 PSI Concrete Pile Caps .....	270.92	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	20.37	
For >20 To 50, Add	7.64	
For >100 To 200, Deduct	-5.42	
For >200 To 400, Deduct	-10.84	
For >400, Deduct	-16.26	
03 31 13 00-0015 CY Concrete Pump, Place 3,000 PSI Concrete Pile Caps .....	286.83	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-12.87	
For 2,500 PSI Concrete, Deduct	-6.43	
For 3,500 PSI Concrete, Add	11.92	
For 3,750 PSI Concrete, Add	16.21	
For 4,000 PSI Concrete, Add	20.50	
For 4,500 PSI Concrete, Add	23.83	
For 5,000 PSI Concrete, Add	27.17	
For 6,000 PSI Concrete, Add	64.35	
For White Cement Concrete, Add	28.60	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	30.98	
For High Early Strength, Type 3 ASTM C150, Add	23.83	
For Lightweight Aggregate, ASTM C330, Add	71.50	
For Up To 20, Add	19.40	
For >20 To 50, Add	7.28	
For >100 To 200, Deduct	-5.74	
For >200 To 400, Deduct	-11.47	
For >400, Deduct	-17.21	
 03 31 13 00-0016 Place Concrete Continuous Footings <small>(03 31 13 00-0011)</small>		

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 31</b>	<b>Structural Concrete</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 31 13 00-0017	CY Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings.....	322.22	
	For 2,000 PSI Concrete, Deduct	-11.88	
	For 2,500 PSI Concrete, Deduct	-5.94	
	For 3,500 PSI Concrete, Add	11.00	
	For 3,750 PSI Concrete, Add	14.96	
	For 4,000 PSI Concrete, Add	18.92	
	For 4,500 PSI Concrete, Add	22.00	
	For 5,000 PSI Concrete, Add	25.08	
	For 6,000 PSI Concrete, Add	59.40	
	For White Cement Concrete, Add	26.40	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
	For High Early Strength, Type 3 ASTM C150, Add	22.00	
	For Lightweight Aggregate, ASTM C330, Add	66.00	
	For Up To 20, Add	40.89	
	For >20 To 50, Add	15.33	
	For >100 To 200, Deduct	-6.44	
	For >200 To 400, Deduct	-12.89	
	For >400, Deduct	-19.33	
03 31 13 00-0018	CY Direct Chute, Place 3,000 PSI Concrete Continuous Footings.....	265.27	
	For 2,000 PSI Concrete, Deduct	-11.88	
	For 2,500 PSI Concrete, Deduct	-5.94	
	For 3,500 PSI Concrete, Add	11.00	
	For 3,750 PSI Concrete, Add	14.96	
	For 4,000 PSI Concrete, Add	18.92	
	For 4,500 PSI Concrete, Add	22.00	
	For 5,000 PSI Concrete, Add	25.08	
	For 6,000 PSI Concrete, Add	59.40	
	For White Cement Concrete, Add	26.40	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
	For High Early Strength, Type 3 ASTM C150, Add	22.00	
	For Lightweight Aggregate, ASTM C330, Add	66.00	
	For Up To 20, Add	18.11	
	For >20 To 50, Add	6.79	
	For >100 To 200, Deduct	-5.31	
	For >200 To 400, Deduct	-10.61	
	For >400, Deduct	-15.92	
03 31 13 00-0019	CY Concrete Pump, Place 3,000 PSI Concrete Continuous Footings.....	281.44	
	Note: Excludes pumping equipment.		
	For 2,000 PSI Concrete, Deduct	-12.87	
	For 2,500 PSI Concrete, Deduct	-6.43	
	For 3,500 PSI Concrete, Add	11.92	
	For 3,750 PSI Concrete, Add	16.21	
	For 4,000 PSI Concrete, Add	20.50	
	For 4,500 PSI Concrete, Add	23.83	
	For 5,000 PSI Concrete, Add	27.17	
	For 6,000 PSI Concrete, Add	64.35	
	For White Cement Concrete, Add	28.60	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	30.98	
	For High Early Strength, Type 3 ASTM C150, Add	23.83	
	For Lightweight Aggregate, ASTM C330, Add	71.50	
	For Up To 20, Add	17.25	
	For >20 To 50, Add	6.47	
	For >100 To 200, Deduct	-5.63	
	For >200 To 400, Deduct	-11.26	
	For >400, Deduct	-16.89	
03 31 13 00-0020	Place Concrete Spread Footings (03 31 13 00-0011)		
03 31 13 00-0021	CY Crane And Bucket, Place 3,000 PSI Concrete Spread Footings.....	392.51	
	For 2,000 PSI Concrete, Deduct	-11.88	
	For 2,500 PSI Concrete, Deduct	-5.94	
	For 3,500 PSI Concrete, Add	11.00	
	For 3,750 PSI Concrete, Add	14.96	
	For 4,000 PSI Concrete, Add	18.92	
	For 4,500 PSI Concrete, Add	22.00	
	For 5,000 PSI Concrete, Add	25.08	
	For 6,000 PSI Concrete, Add	59.40	
	For White Cement Concrete, Add	26.40	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
	For High Early Strength, Type 3 ASTM C150, Add	22.00	
	For Lightweight Aggregate, ASTM C330, Add	66.00	
	For Up To 20, Add	69.01	
	For >20 To 50, Add	25.88	
	For >100 To 200, Deduct	-7.85	
	For >200 To 400, Deduct	-15.70	
	For >400, Deduct	-23.55	



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0022 CY Direct Chute, Place 3,000 PSI Concrete Spread Footings .....	296.39	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	30.56	
For >20 To 50, Add	11.46	
For >100 To 200, Deduct	-5.93	
For >200 To 400, Deduct	-11.86	
For >400, Deduct	-17.78	
03 31 13 00-0023 CY Concrete Pump, Place 3,000 PSI Concrete Spread Footings .....	311.09	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-12.87	
For 2,500 PSI Concrete, Deduct	-6.43	
For 3,500 PSI Concrete, Add	11.92	
For 3,750 PSI Concrete, Add	16.21	
For 4,000 PSI Concrete, Add	20.50	
For 4,500 PSI Concrete, Add	23.83	
For 5,000 PSI Concrete, Add	27.17	
For 6,000 PSI Concrete, Add	64.35	
For White Cement Concrete, Add	28.60	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	30.98	
For High Early Strength, Type 3 ASTM C150, Add	23.83	
For Lightweight Aggregate, ASTM C330, Add	71.50	
For Up To 20, Add	29.11	
For >20 To 50, Add	10.92	
For >100 To 200, Deduct	-6.22	
For >200 To 400, Deduct	-12.44	
For >400, Deduct	-18.67	
<b>03 31 13 00-0024 Place Concrete Mat Foundation (03 31 13 00-0011)</b>		
03 31 13 00-0025 CY Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation.....	250.66	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	12.27	
For >20 To 50, Add	4.60	
For >100 To 200, Deduct	-5.01	
For >200 To 400, Deduct	-10.03	
For >400, Deduct	-15.04	
03 31 13 00-0026 CY Direct Chute, Place 3,000 PSI Concrete Mat Foundation.....	233.58	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	5.44	
For >20 To 50, Add	2.04	
For >100 To 200, Deduct	-4.67	
For >200 To 400, Deduct	-9.34	
For >400, Deduct	-14.01	

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 31</b>	<b>Structural Concrete</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31	13 00-0027	CY	Concrete Pump, Place 3,000 PSI Concrete Mat Foundation.....	249.64	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-12.87	
			For 2,500 PSI Concrete, Deduct	-6.43	
			For 3,500 PSI Concrete, Add	11.92	
			For 3,750 PSI Concrete, Add	16.21	
			For 4,000 PSI Concrete, Add	20.50	
			For 4,500 PSI Concrete, Add	23.83	
			For 5,000 PSI Concrete, Add	27.17	
			For 6,000 PSI Concrete, Add	64.35	
			For White Cement Concrete, Add	28.60	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	30.98	
			For High Early Strength, Type 3 ASTM C150, Add	23.83	
			For Lightweight Aggregate, ASTM C330, Add	71.50	
			For Up To 20, Add	4.53	
			For >20 To 50, Add	1.70	
			For >100 To 200, Deduct	-4.99	
			For >200 To 400, Deduct	-9.99	
			For >400, Deduct	-14.98	
03 31	13 00-0028		Place Concrete Grade Beams (03 31 13 00-0011)		
03 31	13 00-0029	CY	Crane And Bucket, Place 3,000 PSI Concrete Grade Beams.....	301.78	
			For 2,000 PSI Concrete, Deduct	-11.88	
			For 2,500 PSI Concrete, Deduct	-5.94	
			For 3,500 PSI Concrete, Add	11.00	
			For 3,750 PSI Concrete, Add	14.96	
			For 4,000 PSI Concrete, Add	18.92	
			For 4,500 PSI Concrete, Add	22.00	
			For 5,000 PSI Concrete, Add	25.08	
			For 6,000 PSI Concrete, Add	59.40	
			For White Cement Concrete, Add	26.40	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
			For High Early Strength, Type 3 ASTM C150, Add	22.00	
			For Lightweight Aggregate, ASTM C330, Add	66.00	
			For Up To 20, Add	32.72	
			For >20 To 50, Add	12.27	
			For >100 To 200, Deduct	-6.04	
			For >200 To 400, Deduct	-12.07	
			For >400, Deduct	-18.11	
03 31	13 00-0030	CY	Direct Chute, Place 3,000 PSI Concrete Grade Beams.....	256.20	
			For 2,000 PSI Concrete, Deduct	-11.88	
			For 2,500 PSI Concrete, Deduct	-5.94	
			For 3,500 PSI Concrete, Add	11.00	
			For 3,750 PSI Concrete, Add	14.96	
			For 4,000 PSI Concrete, Add	18.92	
			For 4,500 PSI Concrete, Add	22.00	
			For 5,000 PSI Concrete, Add	25.08	
			For 6,000 PSI Concrete, Add	59.40	
			For White Cement Concrete, Add	26.40	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
			For High Early Strength, Type 3 ASTM C150, Add	22.00	
			For Lightweight Aggregate, ASTM C330, Add	66.00	
			For Up To 20, Add	14.48	
			For >20 To 50, Add	5.43	
			For >100 To 200, Deduct	-5.12	
			For >200 To 400, Deduct	-10.25	
			For >400, Deduct	-15.37	
03 31	13 00-0031	CY	Concrete Pump, Place 3,000 PSI Concrete Grade Beams.....	272.82	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-12.87	
			For 2,500 PSI Concrete, Deduct	-6.43	
			For 3,500 PSI Concrete, Add	11.92	
			For 3,750 PSI Concrete, Add	16.21	
			For 4,000 PSI Concrete, Add	20.50	
			For 4,500 PSI Concrete, Add	23.83	
			For 5,000 PSI Concrete, Add	27.17	
			For 6,000 PSI Concrete, Add	64.35	
			For White Cement Concrete, Add	28.60	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	30.98	
			For High Early Strength, Type 3 ASTM C150, Add	23.83	
			For Lightweight Aggregate, ASTM C330, Add	71.50	
			For Up To 20, Add	13.80	
			For >20 To 50, Add	5.18	
			For >100 To 200, Deduct	-5.46	
			For >200 To 400, Deduct	-10.91	
			For >400, Deduct	-16.37	
03 31	13 00-0032		Place Concrete Slab On Grade (03 31 13 00-0011)		



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0033 CY Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade.....	303.70	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	33.48	
For >20 To 50, Add	12.56	
For >100 To 200, Deduct	-6.07	
For >200 To 400, Deduct	-12.15	
For >400, Deduct	-18.22	
03 31 13 00-0034 CY >6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade .....	283.51	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	25.41	
For >20 To 50, Add	9.53	
For >100 To 200, Deduct	-5.67	
For >200 To 400, Deduct	-11.34	
For >400, Deduct	-17.01	
03 31 13 00-0035 CY Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade.....	257.07	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	14.83	
For >20 To 50, Add	5.56	
For >100 To 200, Deduct	-5.14	
For >200 To 400, Deduct	-10.28	
For >400, Deduct	-15.42	
03 31 13 00-0036 CY >6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade .....	248.11	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	11.25	
For >20 To 50, Add	4.22	
For >100 To 200, Deduct	-4.96	
For >200 To 400, Deduct	-9.92	
For >400, Deduct	-14.89	

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 31</b>	<b>Structural Concrete</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31	13 00-0037	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade.....	269.22	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-12.87	
			For 2,500 PSI Concrete, Deduct	-6.43	
			For 3,500 PSI Concrete, Add	11.92	
			For 3,750 PSI Concrete, Add	16.21	
			For 4,000 PSI Concrete, Add	20.50	
			For 4,500 PSI Concrete, Add	23.83	
			For 5,000 PSI Concrete, Add	27.17	
			For 6,000 PSI Concrete, Add	64.35	
			For White Cement Concrete, Add	28.60	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	30.98	
			For High Early Strength, Type 3 ASTM C150, Add	23.83	
			For Lightweight Aggregate, ASTM C330, Add	71.50	
			For Up To 20, Add	12.36	
			For >20 To 50, Add	4.64	
			For >100 To 200, Deduct	-5.38	
			For >200 To 400, Deduct	-10.77	
			For >400, Deduct	-16.15	
03 31	13 00-0038	CY	>6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade.....	261.76	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-12.87	
			For 2,500 PSI Concrete, Deduct	-6.43	
			For 3,500 PSI Concrete, Add	11.92	
			For 3,750 PSI Concrete, Add	16.21	
			For 4,000 PSI Concrete, Add	20.50	
			For 4,500 PSI Concrete, Add	23.83	
			For 5,000 PSI Concrete, Add	27.17	
			For 6,000 PSI Concrete, Add	64.35	
			For White Cement Concrete, Add	28.60	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	30.98	
			For High Early Strength, Type 3 ASTM C150, Add	23.83	
			For Lightweight Aggregate, ASTM C330, Add	71.50	
			For Up To 20, Add	9.38	
			For >20 To 50, Add	3.52	
			For >100 To 200, Deduct	-5.24	
			For >200 To 400, Deduct	-10.47	
			For >400, Deduct	-15.71	

### 03 31 13 00-0039 Place Concrete Duct Bank (03 31 13 00-0011)

03 31	13 00-0040	CY	Direct Chute, Place 3,000 PSI Concrete Duct Bank .....	250.67	
			For 2,000 PSI Concrete, Deduct	-11.88	
			For 2,500 PSI Concrete, Deduct	-5.94	
			For 3,500 PSI Concrete, Add	11.00	
			For 3,750 PSI Concrete, Add	14.96	
			For 4,000 PSI Concrete, Add	18.92	
			For 4,500 PSI Concrete, Add	22.00	
			For 5,000 PSI Concrete, Add	25.08	
			For 6,000 PSI Concrete, Add	59.40	
			For White Cement Concrete, Add	26.40	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
			For High Early Strength, Type 3 ASTM C150, Add	22.00	
			For Lightweight Aggregate, ASTM C330, Add	66.00	
			For Up To 20, Add	12.27	
			For >20 To 50, Add	4.60	
			For >100 To 200, Deduct	-5.01	
			For >200 To 400, Deduct	-10.03	
			For >400, Deduct	-15.04	

### 03 31 13 00-0041 Place Concrete Stairs (03 31 13 00-0011)

03 31	13 00-0042	CY	Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs.....	596.61	
			For 2,000 PSI Concrete, Deduct	-11.88	
			For 2,500 PSI Concrete, Deduct	-5.94	
			For 3,500 PSI Concrete, Add	11.00	
			For 3,750 PSI Concrete, Add	14.96	
			For 4,000 PSI Concrete, Add	18.92	
			For 4,500 PSI Concrete, Add	22.00	
			For 5,000 PSI Concrete, Add	25.08	
			For 6,000 PSI Concrete, Add	59.40	
			For White Cement Concrete, Add	26.40	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
			For High Early Strength, Type 3 ASTM C150, Add	22.00	
			For Lightweight Aggregate, ASTM C330, Add	66.00	
			For Up To 20, Add	150.65	
			For >20 To 50, Add	56.49	
			For >100 To 200, Deduct	-11.93	
			For >200 To 400, Deduct	-23.86	
			For >400, Deduct	-35.80	





<b>Concrete</b>	<b>03</b>	<b>CS</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0043 CY Direct Chute, Place 3,000 PSI On Grade Concrete Stairs.....	386.81	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	66.73	
For >20 To 50, Add	25.02	
For >100 To 200, Deduct	-7.74	
For >200 To 400, Deduct	-15.47	
For >400, Deduct	-23.21	
03 31 13 00-0044 CY Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs.....	377.36	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-12.87	
For 2,500 PSI Concrete, Deduct	-6.43	
For 3,500 PSI Concrete, Add	11.92	
For 3,750 PSI Concrete, Add	16.21	
For 4,000 PSI Concrete, Add	20.50	
For 4,500 PSI Concrete, Add	23.83	
For 5,000 PSI Concrete, Add	27.17	
For 6,000 PSI Concrete, Add	64.35	
For White Cement Concrete, Add	28.60	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	30.98	
For High Early Strength, Type 3 ASTM C150, Add	23.83	
For Lightweight Aggregate, ASTM C330, Add	71.50	
For Up To 20, Add	55.62	
For >20 To 50, Add	20.86	
For >100 To 200, Deduct	-7.55	
For >200 To 400, Deduct	-15.09	
For >400, Deduct	-22.64	
<b>03 31 13 00-0045 Place Concrete Superstructure By Method Indicated (03 31 13 00-0010)</b>		
See CSI section 03 37 16 00-0001 for concrete pump truck.		
<b>03 31 13 00-0046 Place Elevated Concrete Beams (03 31 13 00-0045)</b>		
03 31 13 00-0047 CY Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams.....	424.46	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	81.79	
For >20 To 50, Add	30.67	
For >100 To 200, Deduct	-8.49	
For >200 To 400, Deduct	-16.98	
For >400, Deduct	-25.47	
03 31 13 00-0048 CY Concrete Pump, Place 3,000 PSI Elevated Concrete Beams.....	324.56	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-12.87	
For 2,500 PSI Concrete, Deduct	-6.43	
For 3,500 PSI Concrete, Add	11.92	
For 3,750 PSI Concrete, Add	16.21	
For 4,000 PSI Concrete, Add	20.50	
For 4,500 PSI Concrete, Add	23.83	
For 5,000 PSI Concrete, Add	27.17	
For 6,000 PSI Concrete, Add	64.35	
For White Cement Concrete, Add	28.60	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	30.98	
For High Early Strength, Type 3 ASTM C150, Add	23.83	
For Lightweight Aggregate, ASTM C330, Add	71.50	
For Up To 20, Add	34.50	
For >20 To 50, Add	12.94	
For >100 To 200, Deduct	-6.49	
For >200 To 400, Deduct	-12.98	
For >400, Deduct	-19.47	
<b>03 31 13 00-0049 Place Elevated Concrete Slab (03 31 13 00-0045)</b>		

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 31</b>	<b>Structural Concrete</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 31 13 00-0050	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab.....	316.25
		<i>For 2,000 PSI Concrete, Deduct</i>	-11.88
		<i>For 2,500 PSI Concrete, Deduct</i>	-5.94
		<i>For 3,500 PSI Concrete, Add</i>	11.00
		<i>For 3,750 PSI Concrete, Add</i>	14.96
		<i>For 4,000 PSI Concrete, Add</i>	18.92
		<i>For 4,500 PSI Concrete, Add</i>	22.00
		<i>For 5,000 PSI Concrete, Add</i>	25.08
		<i>For 6,000 PSI Concrete, Add</i>	59.40
		<i>For White Cement Concrete, Add</i>	26.40
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	28.60
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	22.00
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	66.00
		<i>For Up To 20, Add</i>	38.50
		<i>For &gt;20 To 50, Add</i>	14.44
		<i>For &gt;100 To 200, Deduct</i>	-6.33
		<i>For &gt;200 To 400, Deduct</i>	-12.65
		<i>For &gt;400, Deduct</i>	-18.98
03 31 13 00-0051	CY	>6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab .....	293.02
		<i>For 2,000 PSI Concrete, Deduct</i>	-11.88
		<i>For 2,500 PSI Concrete, Deduct</i>	-5.94
		<i>For 3,500 PSI Concrete, Add</i>	11.00
		<i>For 3,750 PSI Concrete, Add</i>	14.96
		<i>For 4,000 PSI Concrete, Add</i>	18.92
		<i>For 4,500 PSI Concrete, Add</i>	22.00
		<i>For 5,000 PSI Concrete, Add</i>	25.08
		<i>For 6,000 PSI Concrete, Add</i>	59.40
		<i>For White Cement Concrete, Add</i>	26.40
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	28.60
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	22.00
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	66.00
		<i>For Up To 20, Add</i>	29.21
		<i>For &gt;20 To 50, Add</i>	10.95
		<i>For &gt;100 To 200, Deduct</i>	-5.86
		<i>For &gt;200 To 400, Deduct</i>	-11.72
		<i>For &gt;400, Deduct</i>	-17.58
03 31 13 00-0052	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab.....	278.92
		Note: Excludes pumping equipment.	
		<i>For 2,000 PSI Concrete, Deduct</i>	-12.87
		<i>For 2,500 PSI Concrete, Deduct</i>	-6.43
		<i>For 3,500 PSI Concrete, Add</i>	11.92
		<i>For 3,750 PSI Concrete, Add</i>	16.21
		<i>For 4,000 PSI Concrete, Add</i>	20.50
		<i>For 4,500 PSI Concrete, Add</i>	23.83
		<i>For 5,000 PSI Concrete, Add</i>	27.17
		<i>For 6,000 PSI Concrete, Add</i>	64.35
		<i>For White Cement Concrete, Add</i>	28.60
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	30.98
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	23.83
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	71.50
		<i>For Up To 20, Add</i>	16.24
		<i>For &gt;20 To 50, Add</i>	6.09
		<i>For &gt;100 To 200, Deduct</i>	-5.58
		<i>For &gt;200 To 400, Deduct</i>	-11.16
		<i>For &gt;400, Deduct</i>	-16.74
03 31 13 00-0053	CY	>6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab .....	269.13
		Note: Excludes pumping equipment.	
		<i>For 2,000 PSI Concrete, Deduct</i>	-12.87
		<i>For 2,500 PSI Concrete, Deduct</i>	-6.43
		<i>For 3,500 PSI Concrete, Add</i>	11.92
		<i>For 3,750 PSI Concrete, Add</i>	16.21
		<i>For 4,000 PSI Concrete, Add</i>	20.50
		<i>For 4,500 PSI Concrete, Add</i>	23.83
		<i>For 5,000 PSI Concrete, Add</i>	27.17
		<i>For 6,000 PSI Concrete, Add</i>	64.35
		<i>For White Cement Concrete, Add</i>	28.60
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	30.98
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	23.83
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	71.50
		<i>For Up To 20, Add</i>	12.32
		<i>For &gt;20 To 50, Add</i>	4.62
		<i>For &gt;100 To 200, Deduct</i>	-5.38
		<i>For &gt;200 To 400, Deduct</i>	-10.77
		<i>For &gt;400, Deduct</i>	-16.15

03 31 13 00-0054 Place Concrete Columns (03 31 13 00-0045)



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0055 CY 12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns .....	440.81	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	88.33	
For >20 To 50, Add	33.12	
For >100 To 200, Deduct	-8.82	
For >200 To 400, Deduct	-17.63	
For >400, Deduct	-26.45	
03 31 13 00-0056 CY 18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns .....	380.50	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	64.20	
For >20 To 50, Add	24.08	
For >100 To 200, Deduct	-7.61	
For >200 To 400, Deduct	-15.22	
For >400, Deduct	-22.83	
03 31 13 00-0057 CY 24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns .....	337.36	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	46.95	
For >20 To 50, Add	17.61	
For >100 To 200, Deduct	-6.75	
For >200 To 400, Deduct	-13.49	
For >400, Deduct	-20.24	
03 31 13 00-0058 CY 36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns .....	318.13	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	39.26	
For >20 To 50, Add	14.72	
For >100 To 200, Deduct	-6.36	
For >200 To 400, Deduct	-12.73	
For >400, Deduct	-19.09	

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 31</b>	<b>Structural Concrete</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 31 13 00-0059	CY	12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....	331.46	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-12.87	
		For 2,500 PSI Concrete, Deduct	-6.43	
		For 3,500 PSI Concrete, Add	11.92	
		For 3,750 PSI Concrete, Add	16.21	
		For 4,000 PSI Concrete, Add	20.50	
		For 4,500 PSI Concrete, Add	23.83	
		For 5,000 PSI Concrete, Add	27.17	
		For 6,000 PSI Concrete, Add	64.35	
		For White Cement Concrete, Add	28.60	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	30.98	
		For High Early Strength, Type 3 ASTM C150, Add	23.83	
		For Lightweight Aggregate, ASTM C330, Add	71.50	
		For Up To 20, Add	37.26	
		For >20 To 50, Add	13.97	
		For >100 To 200, Deduct	-6.63	
		For >200 To 400, Deduct	-13.26	
		For >400, Deduct	-19.89	
03 31 13 00-0060	CY	18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....	306.02	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-12.87	
		For 2,500 PSI Concrete, Deduct	-6.43	
		For 3,500 PSI Concrete, Add	11.92	
		For 3,750 PSI Concrete, Add	16.21	
		For 4,000 PSI Concrete, Add	20.50	
		For 4,500 PSI Concrete, Add	23.83	
		For 5,000 PSI Concrete, Add	27.17	
		For 6,000 PSI Concrete, Add	64.35	
		For White Cement Concrete, Add	28.60	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	30.98	
		For High Early Strength, Type 3 ASTM C150, Add	23.83	
		For Lightweight Aggregate, ASTM C330, Add	71.50	
		For Up To 20, Add	27.08	
		For >20 To 50, Add	10.16	
		For >100 To 200, Deduct	-6.12	
		For >200 To 400, Deduct	-12.24	
		For >400, Deduct	-18.36	
03 31 13 00-0061	CY	24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....	287.82	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-12.87	
		For 2,500 PSI Concrete, Deduct	-6.43	
		For 3,500 PSI Concrete, Add	11.92	
		For 3,750 PSI Concrete, Add	16.21	
		For 4,000 PSI Concrete, Add	20.50	
		For 4,500 PSI Concrete, Add	23.83	
		For 5,000 PSI Concrete, Add	27.17	
		For 6,000 PSI Concrete, Add	64.35	
		For White Cement Concrete, Add	28.60	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	30.98	
		For High Early Strength, Type 3 ASTM C150, Add	23.83	
		For Lightweight Aggregate, ASTM C330, Add	71.50	
		For Up To 20, Add	19.80	
		For >20 To 50, Add	7.43	
		For >100 To 200, Deduct	-5.76	
		For >200 To 400, Deduct	-11.51	
		For >400, Deduct	-17.27	
03 31 13 00-0062	CY	36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....	279.71	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-12.87	
		For 2,500 PSI Concrete, Deduct	-6.43	
		For 3,500 PSI Concrete, Add	11.92	
		For 3,750 PSI Concrete, Add	16.21	
		For 4,000 PSI Concrete, Add	20.50	
		For 4,500 PSI Concrete, Add	23.83	
		For 5,000 PSI Concrete, Add	27.17	
		For 6,000 PSI Concrete, Add	64.35	
		For White Cement Concrete, Add	28.60	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	30.98	
		For High Early Strength, Type 3 ASTM C150, Add	23.83	
		For Lightweight Aggregate, ASTM C330, Add	71.50	
		For Up To 20, Add	16.56	
		For >20 To 50, Add	6.21	
		For >100 To 200, Deduct	-5.59	
		For >200 To 400, Deduct	-11.19	
		For >400, Deduct	-16.78	

03 31 13 00-0063 Place Concrete Walls (03 31 13 00-0045)



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0064 CY Up To 8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls .....	427.01	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	82.81	
For >20 To 50, Add	31.05	
For >100 To 200, Deduct	-8.54	
For >200 To 400, Deduct	-17.08	
For >400, Deduct	-25.62	
03 31 13 00-0065 CY 12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls .....	409.85	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	75.94	
For >20 To 50, Add	28.48	
For >100 To 200, Deduct	-8.20	
For >200 To 400, Deduct	-16.39	
For >400, Deduct	-24.59	
03 31 13 00-0066 CY 15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls .....	364.91	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	57.97	
For >20 To 50, Add	21.74	
For >100 To 200, Deduct	-7.30	
For >200 To 400, Deduct	-14.60	
For >400, Deduct	-21.89	
03 31 13 00-0067 CY Up To 8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls .....	311.67	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	36.67	
For >20 To 50, Add	13.75	
For >100 To 200, Deduct	-6.23	
For >200 To 400, Deduct	-12.47	
For >400, Deduct	-18.70	

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 31</b>	<b>Structural Concrete</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 31	13 00-0068	CY	12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls .....	293.34	
			<i>For 2,000 PSI Concrete, Deduct</i>	-11.88	
			<i>For 2,500 PSI Concrete, Deduct</i>	-5.94	
			<i>For 3,500 PSI Concrete, Add</i>	11.00	
			<i>For 3,750 PSI Concrete, Add</i>	14.96	
			<i>For 4,000 PSI Concrete, Add</i>	18.92	
			<i>For 4,500 PSI Concrete, Add</i>	22.00	
			<i>For 5,000 PSI Concrete, Add</i>	25.08	
			<i>For 6,000 PSI Concrete, Add</i>	59.40	
			<i>For White Cement Concrete, Add</i>	26.40	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	28.60	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	22.00	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	66.00	
			<i>For Up To 20, Add</i>	29.34	
			<i>For &gt;20 To 50, Add</i>	11.00	
			<i>For &gt;100 To 200, Deduct</i>	-5.87	
			<i>For &gt;200 To 400, Deduct</i>	-11.73	
			<i>For &gt;400, Deduct</i>	-17.60	
03 31	13 00-0069	CY	15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls .....	284.17	
			<i>For 2,000 PSI Concrete, Deduct</i>	-11.88	
			<i>For 2,500 PSI Concrete, Deduct</i>	-5.94	
			<i>For 3,500 PSI Concrete, Add</i>	11.00	
			<i>For 3,750 PSI Concrete, Add</i>	14.96	
			<i>For 4,000 PSI Concrete, Add</i>	18.92	
			<i>For 4,500 PSI Concrete, Add</i>	22.00	
			<i>For 5,000 PSI Concrete, Add</i>	25.08	
			<i>For 6,000 PSI Concrete, Add</i>	59.40	
			<i>For White Cement Concrete, Add</i>	26.40	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	28.60	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	22.00	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	66.00	
			<i>For Up To 20, Add</i>	25.67	
			<i>For &gt;20 To 50, Add</i>	9.63	
			<i>For &gt;100 To 200, Deduct</i>	-5.68	
			<i>For &gt;200 To 400, Deduct</i>	-11.37	
			<i>For &gt;400, Deduct</i>	-17.05	
03 31	13 00-0070	CY	Up To 8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls .....	325.63	
			Note: Excludes pumping equipment.		
			<i>For 2,000 PSI Concrete, Deduct</i>	-12.87	
			<i>For 2,500 PSI Concrete, Deduct</i>	-6.43	
			<i>For 3,500 PSI Concrete, Add</i>	11.92	
			<i>For 3,750 PSI Concrete, Add</i>	16.21	
			<i>For 4,000 PSI Concrete, Add</i>	20.50	
			<i>For 4,500 PSI Concrete, Add</i>	23.83	
			<i>For 5,000 PSI Concrete, Add</i>	27.17	
			<i>For 6,000 PSI Concrete, Add</i>	64.35	
			<i>For White Cement Concrete, Add</i>	28.60	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	30.98	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	23.83	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	71.50	
			<i>For Up To 20, Add</i>	34.92	
			<i>For &gt;20 To 50, Add</i>	13.10	
			<i>For &gt;100 To 200, Deduct</i>	-6.51	
			<i>For &gt;200 To 400, Deduct</i>	-13.03	
			<i>For &gt;400, Deduct</i>	-19.54	
03 31	13 00-0071	CY	12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls .....	308.17	
			Note: Excludes pumping equipment.		
			<i>For 2,000 PSI Concrete, Deduct</i>	-12.87	
			<i>For 2,500 PSI Concrete, Deduct</i>	-6.43	
			<i>For 3,500 PSI Concrete, Add</i>	11.92	
			<i>For 3,750 PSI Concrete, Add</i>	16.21	
			<i>For 4,000 PSI Concrete, Add</i>	20.50	
			<i>For 4,500 PSI Concrete, Add</i>	23.83	
			<i>For 5,000 PSI Concrete, Add</i>	27.17	
			<i>For 6,000 PSI Concrete, Add</i>	64.35	
			<i>For White Cement Concrete, Add</i>	28.60	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	30.98	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	23.83	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	71.50	
			<i>For Up To 20, Add</i>	27.94	
			<i>For &gt;20 To 50, Add</i>	10.48	
			<i>For &gt;100 To 200, Deduct</i>	-6.16	
			<i>For &gt;200 To 400, Deduct</i>	-12.33	
			<i>For &gt;400, Deduct</i>	-18.49	



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0072 CY 15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls .....	299.44	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-12.87	
For 2,500 PSI Concrete, Deduct	-6.43	
For 3,500 PSI Concrete, Add	11.92	
For 3,750 PSI Concrete, Add	16.21	
For 4,000 PSI Concrete, Add	20.50	
For 4,500 PSI Concrete, Add	23.83	
For 5,000 PSI Concrete, Add	27.17	
For 6,000 PSI Concrete, Add	64.35	
For White Cement Concrete, Add	28.60	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	30.98	
For High Early Strength, Type 3 ASTM C150, Add	23.83	
For Lightweight Aggregate, ASTM C330, Add	71.50	
For Up To 20, Add	24.45	
For >20 To 50, Add	9.17	
For >100 To 200, Deduct	-5.99	
For >200 To 400, Deduct	-11.98	
For >400, Deduct	-17.97	
<b>03 31 13 00-0073 Place Elevated Concrete Stairs (03 31 13 00-0045)</b>		
03 31 13 00-0074 CY Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs .....	638.51	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	167.41	
For >20 To 50, Add	62.78	
For >100 To 200, Deduct	-12.77	
For >200 To 400, Deduct	-25.54	
For >400, Deduct	-38.31	
03 31 13 00-0075 CY Direct Chute, Place 3,000 PSI Elevated Concrete Stairs.....	405.33	
For 2,000 PSI Concrete, Deduct	-11.88	
For 2,500 PSI Concrete, Deduct	-5.94	
For 3,500 PSI Concrete, Add	11.00	
For 3,750 PSI Concrete, Add	14.96	
For 4,000 PSI Concrete, Add	18.92	
For 4,500 PSI Concrete, Add	22.00	
For 5,000 PSI Concrete, Add	25.08	
For 6,000 PSI Concrete, Add	59.40	
For White Cement Concrete, Add	26.40	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
For High Early Strength, Type 3 ASTM C150, Add	22.00	
For Lightweight Aggregate, ASTM C330, Add	66.00	
For Up To 20, Add	74.14	
For >20 To 50, Add	27.80	
For >100 To 200, Deduct	-8.11	
For >200 To 400, Deduct	-16.21	
For >400, Deduct	-24.32	
03 31 13 00-0076 CY Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs.....	392.78	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-12.87	
For 2,500 PSI Concrete, Deduct	-6.43	
For 3,500 PSI Concrete, Add	11.92	
For 3,750 PSI Concrete, Add	16.21	
For 4,000 PSI Concrete, Add	20.50	
For 4,500 PSI Concrete, Add	23.83	
For 5,000 PSI Concrete, Add	27.17	
For 6,000 PSI Concrete, Add	64.35	
For White Cement Concrete, Add	28.60	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	30.98	
For High Early Strength, Type 3 ASTM C150, Add	23.83	
For Lightweight Aggregate, ASTM C330, Add	71.50	
For Up To 20, Add	61.78	
For >20 To 50, Add	23.17	
For >100 To 200, Deduct	-7.86	
For >200 To 400, Deduct	-15.71	
For >400, Deduct	-23.57	
<b>03 31 13 00-0077 Place Concrete Coping (03 31 13 00-0045)</b>		

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 31</b>	<b>Structural Concrete</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	03 31 13 00-0078	CY	Crane And Bucket, Place 3,000 PSI Concrete Coping .....	652.98	
			For 2,000 PSI Concrete, Deduct	-11.88	
			For 2,500 PSI Concrete, Deduct	-5.94	
			For 3,500 PSI Concrete, Add	11.00	
			For 3,750 PSI Concrete, Add	14.96	
			For 4,000 PSI Concrete, Add	18.92	
			For 4,500 PSI Concrete, Add	22.00	
			For 5,000 PSI Concrete, Add	25.08	
			For 6,000 PSI Concrete, Add	59.40	
			For White Cement Concrete, Add	26.40	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
			For High Early Strength, Type 3 ASTM C150, Add	22.00	
			For Lightweight Aggregate, ASTM C330, Add	66.00	
			For Up To 20, Add	173.20	
			For >20 To 50, Add	64.95	
			For >100 To 200, Deduct	-13.06	
			For >200 To 400, Deduct	-26.12	
			For >400, Deduct	-39.18	
	03 31 13 00-0079	CY	Direct Chute, Place 3,000 PSI Concrete Coping .....	404.09	
			For 2,000 PSI Concrete, Deduct	-11.88	
			For 2,500 PSI Concrete, Deduct	-5.94	
			For 3,500 PSI Concrete, Add	11.00	
			For 3,750 PSI Concrete, Add	14.96	
			For 4,000 PSI Concrete, Add	18.92	
			For 4,500 PSI Concrete, Add	22.00	
			For 5,000 PSI Concrete, Add	25.08	
			For 6,000 PSI Concrete, Add	59.40	
			For White Cement Concrete, Add	26.40	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	28.60	
			For High Early Strength, Type 3 ASTM C150, Add	22.00	
			For Lightweight Aggregate, ASTM C330, Add	66.00	
			For Up To 20, Add	73.64	
			For >20 To 50, Add	27.62	
			For >100 To 200, Deduct	-8.08	
			For >200 To 400, Deduct	-16.16	
			For >400, Deduct	-24.25	
	03 31 13 00-0080	CY	Concrete Pump, Place 3,000 PSI Concrete Coping.....	517.17	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-12.87	
			For 2,500 PSI Concrete, Deduct	-6.43	
			For 3,500 PSI Concrete, Add	11.92	
			For 3,750 PSI Concrete, Add	16.21	
			For 4,000 PSI Concrete, Add	20.50	
			For 4,500 PSI Concrete, Add	23.83	
			For 5,000 PSI Concrete, Add	27.17	
			For 6,000 PSI Concrete, Add	64.35	
			For White Cement Concrete, Add	28.60	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	30.98	
			For High Early Strength, Type 3 ASTM C150, Add	23.83	
			For Lightweight Aggregate, ASTM C330, Add	71.50	
			For Up To 20, Add	111.54	
			For >20 To 50, Add	41.83	
			For >100 To 200, Deduct	-10.34	
			For >200 To 400, Deduct	-20.69	
			For >400, Deduct	-31.03	
	03 31 13 00-0081		<b>Concrete Carts</b> <small>(03 31 13 00-0010)</small>		
			Note: Used to place concrete were necessary.		
	03 31 13 00-0082	CY	50' Haul, Non Motorized, Concrete Buggy .....	22.10	
	03 31 13 00-0083	CY	150' Haul, Non Motorized, Concrete Buggy .....	29.59	
	03 31 13 00-0084	CY	250' Haul, Non Motorized, Concrete Buggy .....	39.46	
	03 31 13 00-0085	CY	50' Haul, Motorized, Concrete Buggy .....	10.06	
	03 31 13 00-0086	CY	150' Haul, Motorized, Concrete Buggy.....	13.47	
	03 31 13 00-0087	CY	250' Haul, Motorized, Concrete Buggy.....	17.97	
	03 31 13 00-0088		<b>Delivery Fee For Small Purchases</b> <small>(03 31 13)</small>		
	03 31 13 00-0089	CY	Delivery Fee For Concrete Purchases Per CY For Each CY Less Than 9 CY .....	26.66	
			Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.		
	03 31 13 00-0090		<b>Equipment Pads</b> <small>(03 31 13)</small>		
	03 31 13 00-0091		<b>Small Concrete Equipment Housekeeping Pad Assemblies</b> <small>(03 31 13 00-0090)</small>		
			Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project. See CSI section 03 31 13 00-0002 for >50 SF concrete pads.		
	03 31 13 00-0092	SF	4" Equipment Pad With Welded Wire Reinforcement .....	18.08	
			For >5 To 20 Pads, Deduct	-2.11	
			For >20 To 50 Pads, Deduct	-3.87	
			For >50 Pads, Deduct	-5.63	
	03 31 13 00-0093	SF	4" Equipment Pad With Rebar .....	21.88	
			For >5 To 20 Pads, Deduct	-2.44	
			For >20 To 50 Pads, Deduct	-4.47	
			For >50 Pads, Deduct	-6.50	





<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0094 SF 6" Equipment Pad With Rebar.....	27.88	
For >5 To 20 Pads, Deduct	-3.06	
For >20 To 50 Pads, Deduct	-5.62	
For >50 Pads, Deduct	-8.17	
03 31 13 00-0095 SF 8" Equipment Pad With Rebar.....	35.23	
For >5 To 20 Pads, Deduct	-3.89	
For >20 To 50 Pads, Deduct	-7.13	
For >50 Pads, Deduct	-10.38	
<b>03 31 13 00-0096 Delivery Fee For Concrete, Per Truck Load (03 31 13)</b>		
03 31 13 00-0097 EA Concrete Delivery Fee, Per Truck.....	40.00	
Note: To be added to all concrete leaving concrete yard		
<b>03 31 16 Lightweight Structural Concrete (03 31)</b>		
03 31 16 00-0001 Low Density Cellular / Foam Concrete Fill (03 31 16)		
03 31 16 00-0002 CY Lightweight Low Density Cellular/Foam Concrete, 100 To 120 PCF Density Range.....	256.57	
<b>03 35 Concrete Finishing (03 30)</b>		
<b>03 35 13 High-Tolerance Concrete Floor Finishing (03 35)</b>		
03 35 13 00-0001 Floor Finishes (03 35 13)		
Note: Task is for final finish type and includes all required prior finishes.		
03 35 13 00-0002 SF Scream, Concrete Floor Finish.....	0.92	
For Up To 100, Add	1.84	
For >100 To 250, Add	0.46	
For >250 To 500, Add	0.23	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000, Deduct	-0.09	
03 35 13 00-0003 SF Darby, Concrete Floor Finish.....	1.11	
For Up To 100, Add	2.22	
For >100 To 250, Add	0.56	
For >250 To 500, Add	0.28	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000, Deduct	-0.11	
03 35 13 00-0004 SF Broom, Concrete Floor Finish.....	1.22	
For Up To 100, Add	2.44	
For >100 To 250, Add	0.61	
For >250 To 500, Add	0.31	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000, Deduct	-0.12	
03 35 13 00-0005 SF Final Float, Concrete Floor Finish.....	1.43	
For Up To 100, Add	2.86	
For >100 To 250, Add	0.72	
For >250 To 500, Add	0.36	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000, Deduct	-0.14	
03 35 13 00-0006 SF Steel Trowel, Concrete Floor Finish.....	1.61	
For Up To 100, Add	3.22	
For >100 To 250, Add	0.81	
For >250 To 500, Add	0.40	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000, Deduct	-0.16	
03 35 13 00-0007 SF Concrete Floor Finishes, Machine.....	1.43	
For Up To 100, Add	2.86	
For >100 To 250, Add	0.72	
For >250 To 500, Add	0.36	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000, Deduct	-0.14	
<b>03 35 16 Heavy-Duty Concrete Floor Finishing (03 35)</b>		
03 35 16 00-0001 Shake On Floor Hardeners (03 35 16)		
03 35 16 00-0002 SF 0.3 LB/SF, Metallic, Shake On Floor Hardener.....	1.26	
03 35 16 00-0003 SF 0.65 LB/SF, Metallic, Shake On Floor Hardener.....	2.02	
03 35 16 00-0004 SF 0.3 LB/SF, Non Metallic, Shake On Floor Hardener.....	1.18	
03 35 16 00-0005 SF 0.65 LB/SF, Non Metallic, Shake On Floor Hardener.....	1.49	
<b>03 35 19 Colored Concrete Finishing (03 35)</b>		
03 35 19 00-0001 Concrete Surface Treatments (03 35 19)		
03 35 19 00-0002 SF Acrylic Latex Bonding Agent.....	0.47	
03 35 19 00-0003 SF Epoxy Resin Bonding Agent.....	2.74	
03 35 19 00-0004 SF Clear Acrylic Sealer, Hardener And Dustproof.....	0.33	
03 35 19 00-0005 SF Colored Acrylic Sealer, Hardener And Dustproof.....	0.35	
<b>03 35 23 Exposed Aggregate Concrete Finishing (03 35)</b>		

<b>03</b>	<b>03 Concrete</b>
	<b>03 30 Cast-In-Place Concrete</b>
	<b>03 35 Concrete Finishing</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 23 00-0001 Exposed Aggregate, Concrete Finish <small>(03 35 23)</small>		
03 35 23 00-0002 SF Exposed Aggregate, Concrete Floor Finish .....	3.04	
<b>03 35 26 Grooved Concrete Surface Finishing <small>(03 35)</small></b>		
03 35 26 00-0001 Ramp, Grooved Concrete Surface Finishing <small>(03 35 26)</small>		
03 35 26 00-0002 SF Ramp, Grooved Concrete Surface Finishing .....	4.11	
<b>03 35 29 Tooled Concrete Finishing <small>(03 35)</small></b>		
03 35 29 00-0001 Solid Board Concrete Finish <small>(03 35 29)</small>		
03 35 29 00-0002 SF Solid Board Concrete, Non Uniform Finish, 1 Use, Add To Formwork.....	16.86	
03 35 29 00-0003 Marblecrete Finishes <small>(03 35 29)</small>		
03 35 29 00-0004 SF 2" Thick Marblecrete And Finish .....	51.44	
03 35 29 00-0005 SF 4" Thick Marblecrete And Finish .....	68.86	
<b>03 35 33 Stamped Concrete Finishing <small>(03 35)</small></b>		
03 35 33 00-0001 Stamped Concrete Finishes <small>(03 35 33)</small>		
03 35 33 00-0002 SF Up To 2,500 SF Stamped Concrete Finish .....	3.69	
03 35 33 00-0003 SF >2,500 To 10,000 SF Stamped Concrete Finish.....	3.35	
03 35 33 00-0004 SF >10,000 SF Stamped Concrete Finish.....	3.20	
<b>03 35 43 Polished Concrete Finishing <small>(03 35)</small></b>		
03 35 43 00-0001 Concrete Floor Polishing System <small>(03 35 43)</small>		
Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.		
03 35 43 00-0002 SF Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels.....	1.75	
For Up To 500, Add	3.32	
For >500 To 1,000, Add	3.08	
For >1,000 To 2,500, Add	2.03	
For >2,500 To 4,000, Add	1.06	
For >8,000 To 15,000, Deduct	-0.41	
For >15,000 To 25,000, Deduct	-0.52	
For >25,000, Deduct	-0.74	
03 35 43 00-0003 SF Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels.....	1.41	
For Up To 500, Add	2.66	
For >500 To 1,000, Add	2.47	
For >1,000 To 2,500, Add	1.63	
For >2,500 To 4,000, Add	0.85	
For >8,000 To 15,000, Deduct	-0.33	
For >15,000 To 25,000, Deduct	-0.42	
For >25,000, Deduct	-0.59	
03 35 43 00-0004 SF Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels .....	1.18	
For Up To 500, Add	2.21	
For >500 To 1,000, Add	2.05	
For >1,000 To 2,500, Add	1.36	
For >2,500 To 4,000, Add	0.71	
For >8,000 To 15,000, Deduct	-0.27	
For >15,000 To 25,000, Deduct	-0.35	
For >25,000, Deduct	-0.49	
03 35 43 00-0005 SF Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels.....	1.10	
For Up To 500, Add	2.06	
For >500 To 1,000, Add	1.91	
For >1,000 To 2,500, Add	1.26	
For >2,500 To 4,000, Add	0.66	
For >8,000 To 15,000, Deduct	-0.25	
For >15,000 To 25,000, Deduct	-0.32	
For >25,000, Deduct	-0.46	
03 35 43 00-0006 SF Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels .....	1.01	
For Up To 500, Add	1.88	
For >500 To 1,000, Add	1.75	
For >1,000 To 2,500, Add	1.15	
For >2,500 To 4,000, Add	0.60	
For >8,000 To 15,000, Deduct	-0.23	
For >15,000 To 25,000, Deduct	-0.30	
For >25,000, Deduct	-0.42	
03 35 43 00-0007 SF Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels .....	1.01	
For Up To 500, Add	1.88	
For >500 To 1,000, Add	1.75	
For >1,000 To 2,500, Add	1.15	
For >2,500 To 4,000, Add	0.60	
For >8,000 To 15,000, Deduct	-0.23	
For >15,000 To 25,000, Deduct	-0.30	
For >25,000, Deduct	-0.42	



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Concrete Finishing	03 35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0008 SF Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels .....	1.01	
For Up To 500, Add	1.88	
For >500 To 1,000, Add	1.75	
For >1,000 To 2,500, Add	1.15	
For >2,500 To 4,000, Add	0.60	
For >8,000 To 15,000, Deduct	-0.23	
For >15,000 To 25,000, Deduct	-0.30	
For >25,000, Deduct	-0.42	
03 35 43 00-0009 SF Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels .....	1.01	
For Up To 500, Add	1.88	
For >500 To 1,000, Add	1.75	
For >1,000 To 2,500, Add	1.15	
For >2,500 To 4,000, Add	0.60	
For >8,000 To 15,000, Deduct	-0.23	
For >15,000 To 25,000, Deduct	-0.30	
For >25,000, Deduct	-0.42	
03 35 43 00-0010 SF High Speed Burnish Concrete Floor With Diamond Pads.....	0.25	
For Up To 500, Add	0.41	
For >500 To 1,000, Add	0.38	
For >1,000 To 2,500, Add	0.25	
For >2,500 To 4,000, Add	0.13	
For >8,000 To 15,000, Deduct	-0.05	
For >15,000 To 25,000, Deduct	-0.06	
For >25,000, Deduct	-0.09	
03 35 43 00-0011 SF Apply 1 Coat Of Concrete Densifier .....	0.44	
For Up To 500, Add	0.50	
For >500 To 1,000, Add	0.47	
For >1,000 To 2,500, Add	0.31	
For >2,500 To 4,000, Add	0.16	
For >8,000 To 15,000, Deduct	-0.06	
For >15,000 To 25,000, Deduct	-0.08	
For >25,000, Deduct	-0.11	
03 35 43 00-0012 SF Apply 2 Coats Of Concrete Densifier With Stain Protector .....	0.75	
For Up To 500, Add	0.76	
For >500 To 1,000, Add	0.70	
For >1,000 To 2,500, Add	0.46	
For >2,500 To 4,000, Add	0.24	
For >8,000 To 15,000, Deduct	-0.09	
For >15,000 To 25,000, Deduct	-0.12	
For >25,000, Deduct	-0.17	
03 35 43 00-0013 SF Concrete Floor Polishing Final Clean Up.....	0.14	
For Up To 500, Add	0.27	
For >500 To 1,000, Add	0.25	
For >1,000 To 2,500, Add	0.17	
For >2,500 To 4,000, Add	0.09	
For >8,000 To 15,000, Deduct	-0.03	
For >15,000 To 25,000, Deduct	-0.04	
For >25,000, Deduct	-0.06	
<b>03 35 63 Slip-Resistant Floor Finishing (03 35)</b>		
<b>03 35 63 00-0001 Slip-Resistant Floor Finishing (03 35 63)</b>		
03 35 63 00-0002 SF Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF .....	1.28	
For Up To 100, Add	1.78	
For >100 To 250, Add	0.45	
For >250 To 500, Add	0.22	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000, Deduct	-0.09	
03 35 63 00-0003 SF Silicone Carbide Abrasive Floor Finish 0.25 LB/SF .....	1.16	
For Up To 100, Add	1.78	
For >100 To 250, Add	0.45	
For >250 To 500, Add	0.22	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000, Deduct	-0.09	
<b>03 35 66 Acid Etch Floor Finishing (03 35)</b>		
<b>03 35 66 00-0001 Acid Etch Floor (03 35 66)</b>		
03 35 66 00-0002 SF Concrete Floor Finishes, Etch With Acid And Rinse .....	1.12	
For Up To 100, Add	0.84	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.11	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000, Deduct	-0.04	
<b>03 35 83 Concrete Wall Finishing (03 35)</b>		
<b>03 35 83 00-0001 Wall Finishes (03 35 83)</b>		

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 35</b>	<b>Concrete Finishing</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 83 00-0002	SF		Burlap Rub With Grout, New Concrete Wall Finishes.....	1.68	
			For Up To 100, Add	3.10	
			For >100 To 250, Add	0.78	
			For >250 To 500, Add	0.39	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000, Deduct	-0.16	
03 35 83 00-0003	SF		1/16" Float Finish, New Concrete Wall Finishes.....	2.51	
			For Up To 100, Add	4.64	
			For >100 To 250, Add	1.16	
			For >250 To 500, Add	0.58	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000, Deduct	-0.23	
03 35 83 00-0004	SF		Etch With Acid And Rinse, New Concrete Wall Finishes.....	1.21	
			For Up To 100, Add	1.02	
			For >100 To 250, Add	0.26	
			For >250 To 500, Add	0.13	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000, Deduct	-0.05	
03 35 83 00-0005	SF		Bush Hammer Green Concrete, New Concrete Wall Finishes.....	4.97	
			For Up To 100, Add	9.82	
			For >100 To 250, Add	2.46	
			For >250 To 500, Add	1.23	
			For >5,000 To 10,000, Deduct	-0.25	
			For >10,000, Deduct	-0.49	
03 35 83 00-0006	SF		Bush Hammer Cured Concrete, New Concrete Wall Finishes.....	7.72	
			For Up To 100, Add	15.18	
			For >100 To 250, Add	3.80	
			For >250 To 500, Add	1.90	
			For >5,000 To 10,000, Deduct	-0.38	
			For >10,000, Deduct	-0.76	
03 35 83 00-0007	SF		Break Ties And Patch, New Concrete Wall Finishes.....	0.99	
			For Up To 100, Add	1.66	
			For >100 To 250, Add	0.42	
			For >250 To 500, Add	0.21	
			For >5,000 To 10,000, Deduct	-0.04	
			For >10,000, Deduct	-0.08	
03 35 83 00-0008	SF		Carborundum Dry Rub, New Concrete Wall Finishes.....	3.25	
			For Up To 100, Add	6.18	
			For >100 To 250, Add	1.55	
			For >250 To 500, Add	0.77	
			For >5,000 To 10,000, Deduct	-0.15	
			For >10,000, Deduct	-0.31	
03 35 83 00-0009	SF		Carborundum Wet Rub, New Concrete Wall Finishes.....	4.93	
			For Up To 100, Add	9.54	
			For >100 To 250, Add	2.39	
			For >250 To 500, Add	1.19	
			For >5,000 To 10,000, Deduct	-0.24	
			For >10,000, Deduct	-0.48	
03 35 83 00-0010	SF		Up To 1/4" Penetration Sand Blasting, New Concrete Wall Finishes.....	4.75	
			Note: 4.5 Lbs of sand or abrasive material per SF		
			For Up To 100, Add	7.80	
			For >100 To 250, Add	1.95	
			For >250 To 500, Add	0.98	
			For >5,000 To 10,000, Deduct	-0.20	
			For >10,000, Deduct	-0.39	
03 35 83 00-0011	SF		>1/4" To 1/2" Penetration Sand Blasting, New Concrete Wall Finishes.....	9.52	
			Note: 9 Lbs of sand abrasive material per SF		
			For Up To 100, Add	15.62	
			For >100 To 250, Add	3.91	
			For >250 To 500, Add	1.95	
			For >5,000 To 10,000, Deduct	-0.39	
			For >10,000, Deduct	-0.78	

### 03 37 Specialty Placed Concrete (03 30)

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

#### 03 37 13 Shotcrete (03 37)

##### 03 37 13 00-0001 Shotcrete, Fiber Reinforced, Structural Repair (03 37 13)

03 37 13 00-0002	SF		1" Thick Shotcrete, Fiber Reinforced.....	3.12	
			For Up To 25, Add	0.59	
			For >25 To 50, Add	0.34	
			For >50 To 150, Add	0.14	
03 37 13 00-0003	SF		2" Thick Shotcrete, Fiber Reinforced.....	5.88	
			For Up To 25, Add	1.08	
			For >25 To 50, Add	0.62	
			For >50 To 150, Add	0.25	
03 37 13 00-0004	SF		3" Thick Shotcrete, Fiber Reinforced.....	8.32	
			For Up To 25, Add	1.49	
			For >25 To 50, Add	0.86	
			For >50 To 150, Add	0.33	
03 37 13 00-0005	SF		4" Thick Shotcrete, Fiber Reinforced.....	10.51	
			For Up To 25, Add	1.85	
			For >25 To 50, Add	1.06	
			For >50 To 150, Add	0.40	



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Specialty Placed Concrete	03 37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 37 13 00-0006	SF		6" Thick Shotcrete, Fiber Reinforced .....	14.26	
			For Up To 25, Add	2.39	
			For >25 To 50, Add	1.36	
			For >50 To 150, Add	0.48	
<b>03 37 13 00-0007</b>			<b>Gunite (Dry Mix Shotcrete), Sprayed</b> <small>(03 37 13)</small>		
			See CSI section 03 22 11 00-0001 for wire mesh reinforcing.		
03 37 13 00-0008	SF		1" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	3.39	
			For Radius Or Irregular Surface, Add	1.00	
			For Up To 25, Add	0.71	
			For >25 To 50, Add	0.42	
			For >50 To 150, Add	0.19	
03 37 13 00-0009	SF		2" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	6.27	
			For Radius Or Irregular Surface, Add	1.80	
			For Up To 25, Add	1.30	
			For >25 To 50, Add	0.76	
			For >50 To 150, Add	0.34	
03 37 13 00-0010	SF		3" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	8.73	
			For Radius Or Irregular Surface, Add	2.43	
			For Up To 25, Add	1.78	
			For >25 To 50, Add	1.04	
			For >50 To 150, Add	0.46	
03 37 13 00-0011	SF		4" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	10.83	
			For Radius Or Irregular Surface, Add	2.91	
			For Up To 25, Add	2.18	
			For >25 To 50, Add	1.27	
			For >50 To 150, Add	0.55	
03 37 13 00-0012	SF		5" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	12.64	
			For Radius Or Irregular Surface, Add	3.28	
			For Up To 25, Add	2.49	
			For >25 To 50, Add	1.45	
			For >50 To 150, Add	0.62	
03 37 13 00-0013	SF		6" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	14.18	
			For Radius Or Irregular Surface, Add	3.54	
			For Up To 25, Add	2.75	
			For >25 To 50, Add	1.60	
			For >50 To 150, Add	0.66	
03 37 13 00-0014	SF		8" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	17.72	
			For Radius Or Irregular Surface, Add	4.25	
			For Up To 25, Add	3.37	
			For >25 To 50, Add	1.95	
			For >50 To 150, Add	0.80	
03 37 13 00-0015	SF		10" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	20.83	
			For Radius Or Irregular Surface, Add	4.78	
			For Up To 25, Add	3.88	
			For >25 To 50, Add	2.24	
			For >50 To 150, Add	0.90	
03 37 13 00-0016	SF		12" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	23.56	
			For Radius Or Irregular Surface, Add	5.16	
			For Up To 25, Add	4.29	
			For >25 To 50, Add	2.47	
			For >50 To 150, Add	0.97	

**03 37 16 Pumped Concrete** (03 37)

**03 37 16 00-0001 Concrete Pumping With Boom Truck** (03 37 16)

Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach. See CSI section 03 31 13 00-0010 for concrete placement.

03 37 16 00-0002	HR		55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating) .....	170.16	
03 37 16 00-0003	HR		70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating) .....	181.52	
03 37 16 00-0004	HR		90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating) .....	222.54	
03 37 16 00-0005	HR		105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating) .....	248.08	
03 37 16 00-0006	HR		120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating) .....	274.43	
03 37 16 00-0007	HR		135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating) .....	330.25	
03 37 16 00-0008	HR		148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating) .....	363.55	
03 37 16 00-0009	HR		170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating) .....	444.21	
03 37 16 00-0010	HR		35 CY/HR, 66 HP Trailer Mounted Concrete Pump .....	122.57	
			Note: Includes hoses		

**03 39 Concrete Curing** (03 30)

**03 39 13 Water Concrete Curing** (03 39)

**03 39 13 00-0001 Water Concrete Curing** (03 39 13)

03 39 13 00-0002	SF		Water Based Curing, Sealing, Hardening And Dustproofing Compound .....	0.31	
			Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.		

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 39</b>	<b>Concrete Curing</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

### 03 39 23 Membrane Concrete Curing (03 39)

#### 03 39 23 23 Sheet Membrane Concrete Curing (03 39 23)

##### 03 39 23 23-0001 Warm Weather Concrete Curing Blankets (03 39 23 23)

03 39 23 23-0002 CSF Warm Weather Concrete Curing Blankets ..... 35.16

##### 03 39 23 23-0003 Cold Weather Concrete Curing Blankets (03 39 23 23)

03 39 23 23-0004 CSF Electric, Cold Weather Concrete Curing Blanket ..... 248.74  
03 39 23 23-0005 CSF Non-Electric, Cold Weather Concrete Curing Blanket..... 32.23

## 03 40 Precast Concrete (03)

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Includes the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

### 03 41 Precast Structural Concrete (03 40)

#### 03 41 16 Precast Concrete Slabs (03 41)

##### 03 41 16 00-0001 Flat Floor Slab/Floor Plank (03 41 16)

##### 03 41 16 00-0002 Erection Costs For Using A 90 Ton Crawler Crane (03 41 16 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0003	EA	Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane.....	336.93	269.57
03 41 16 00-0004	EA	Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	374.55	299.59
03 41 16 00-0005	EA	Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane.....	397.72	318.16
03 41 16 00-0006	EA	Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane.....	421.63	337.32
03 41 16 00-0007	EA	Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane.....	451.21	360.95
03 41 16 00-0008	EA	Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	482.23	385.79
03 41 16 00-0009	EA	Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane.....	517.83	414.24
03 41 16 00-0010	EA	Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	563.20	450.52
03 41 16 00-0011	EA	Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane.....	612.36	489.95

##### 03 41 16 00-0012 Material Cost (03 41 16 00-0001)

Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.

03 41 16 00-0013	SF	4" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	28.19	
		For 3,500 PSI Concrete, Add	0.56	
		For 4,000 PSI Concrete, Add	0.85	
		For 4,500 PSI Concrete, Add	1.13	
		For 5,000 PSI Concrete, Add	1.69	
03 41 16 00-0014	SF	5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	33.83	
		For 3,500 PSI Concrete, Add	0.68	
		For 4,000 PSI Concrete, Add	1.01	
		For 4,500 PSI Concrete, Add	1.35	
		For 5,000 PSI Concrete, Add	2.03	
03 41 16 00-0015	SF	6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	41.35	
		For 3,500 PSI Concrete, Add	0.83	
		For 4,000 PSI Concrete, Add	1.24	
		For 4,500 PSI Concrete, Add	1.65	
		For 5,000 PSI Concrete, Add	2.48	
03 41 16 00-0016	SF	8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	54.88	
		For 3,500 PSI Concrete, Add	1.10	
		For 4,000 PSI Concrete, Add	1.65	
		For 4,500 PSI Concrete, Add	2.20	
		For 5,000 PSI Concrete, Add	3.29	

##### 03 41 16 00-0017 Floor Units, Combination Beam And Slab (03 41 16)

##### 03 41 16 00-0018 Erection Costs For Using 90 Ton Crawler Crane (03 41 16 00-0017)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0019	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane .....	415.09	332.06
03 41 16 00-0020	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane .....	452.43	361.98
03 41 16 00-0021	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane.....	500.05	399.99
03 41 16 00-0022	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane.....	555.25	444.17
03 41 16 00-0023	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane.....	624.15	499.27

##### 03 41 16 00-0024 Erection Costs Using A 125 Ton Crawler Crane (03 41 16 00-0017)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0025	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane.....	531.12	424.92
03 41 16 00-0026	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane.....	578.89	463.08
03 41 16 00-0027	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane.....	639.83	511.90
03 41 16 00-0028	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane.....	710.46	568.39
03 41 16 00-0029	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane.....	798.62	638.96
03 41 16 00-0030	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane.....	868.34	694.62



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Precast Concrete</b>	<b>03 40</b>	
<b>Precast Structural Concrete</b>	<b>03 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 16 00-0031 EA Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane.....	959.74	767.79
03 41 16 00-0032 EA Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane.....	1,062.24	849.85
03 41 16 00-0033 EA Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane.....	1,202.32	961.86
<b>03 41 16 00-0034 Material Cost</b> (03 41 16 00-0017) Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation.		
<b>03 41 16 00-0035 4" Slab</b> (03 41 16 00-0034)		
03 41 16 00-0036 CY Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	2,969.55	
For 3,500 PSI Concrete, Add	59.39	
For 4,000 PSI Concrete, Add	89.09	
For 4,500 PSI Concrete, Add	118.78	
For 5,000 PSI Concrete, Add	178.17	
03 41 16 00-0037 CY Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	3,007.14	
For 3,500 PSI Concrete, Add	60.14	
For 4,000 PSI Concrete, Add	90.21	
For 4,500 PSI Concrete, Add	120.29	
For 5,000 PSI Concrete, Add	180.43	
03 41 16 00-0038 CY Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	3,383.03	
For 3,500 PSI Concrete, Add	67.66	
For 4,000 PSI Concrete, Add	101.49	
For 4,500 PSI Concrete, Add	135.32	
For 5,000 PSI Concrete, Add	202.98	
<b>03 41 16 00-0039 5" Slab</b> (03 41 16 00-0034)		
03 41 16 00-0040 CY Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	3,044.73	
For 3,500 PSI Concrete, Add	60.89	
For 4,000 PSI Concrete, Add	91.34	
For 4,500 PSI Concrete, Add	121.79	
For 5,000 PSI Concrete, Add	182.68	
03 41 16 00-0041 CY Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	3,157.49	
For 3,500 PSI Concrete, Add	63.15	
For 4,000 PSI Concrete, Add	94.72	
For 4,500 PSI Concrete, Add	126.30	
For 5,000 PSI Concrete, Add	189.45	
03 41 16 00-0042 CY Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	4,022.05	
For 3,500 PSI Concrete, Add	80.44	
For 4,000 PSI Concrete, Add	120.66	
For 4,500 PSI Concrete, Add	160.88	
For 5,000 PSI Concrete, Add	241.32	
<b>03 41 16 00-0043 6" Slab</b> (03 41 16 00-0034)		
03 41 16 00-0044 CY Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	3,157.49	
For 3,500 PSI Concrete, Add	63.15	
For 4,000 PSI Concrete, Add	94.72	
For 4,500 PSI Concrete, Add	126.30	
For 5,000 PSI Concrete, Add	189.45	
03 41 16 00-0045 CY Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	3,758.92	
For 3,500 PSI Concrete, Add	75.18	
For 4,000 PSI Concrete, Add	112.77	
For 4,500 PSI Concrete, Add	150.36	
For 5,000 PSI Concrete, Add	225.54	
03 41 16 00-0046 CY Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	4,585.88	
For 3,500 PSI Concrete, Add	91.72	
For 4,000 PSI Concrete, Add	137.58	
For 4,500 PSI Concrete, Add	183.44	
For 5,000 PSI Concrete, Add	275.15	
<b>03 41 19 Precast Concrete Wall Panels</b> (03 41)		
<b>03 41 19 00-0001 Structural Wall Panels</b> (03 41 19) Note: Gray, smooth form or board finish one side.		
<b>03 41 19 00-0002 Erection Cost Using 50 Ton Hydraulic Crane</b> (03 41 19 00-0001) Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.		
03 41 19 00-0003 EA Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	331.20	264.99
03 41 19 00-0004 EA Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	368.19	294.50
03 41 19 00-0005 EA Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	414.46	331.59
03 41 19 00-0006 EA Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	443.54	354.82
03 41 19 00-0007 EA Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	474.04	379.23
03 41 19 00-0008 EA Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	509.04	407.20
03 41 19 00-0009 EA Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	553.63	442.87
03 41 19 00-0010 EA Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	601.96	481.62
<b>03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane</b> (03 41 19 00-0001) Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.		
03 41 19 00-0012 EA Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	373.39	298.68

**03 Concrete****03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0013	EA		Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	415.09	332.06
03 41 19 00-0014	EA		Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	467.26	373.86
03 41 19 00-0015	EA		Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	500.05	399.99
03 41 19 00-0016	EA		Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	534.42	427.54
03 41 19 00-0017	EA		Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	573.88	459.13
03 41 19 00-0018	EA		Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane.....	624.15	499.27
03 41 19 00-0019	EA		Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	678.64	542.86
03 41 19 00-0020	EA		Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	750.08	600.11
03 41 19 00-0021	EA		Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	830.18	664.11
03 41 19 00-0022	EA		Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	939.65	751.76
03 41 19 00-0023	EA		Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	1,068.86	855.08
03 41 19 00-0024	EA		Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane.....	1,239.25	991.42

**03 41 19 00-0025****Material Cost** (03 41 19 00-0001)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

03 41 19 00-0026	SF		4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	37.59	
			For 3,500 PSI Concrete, Add	0.75	
			For 4,000 PSI Concrete, Add	1.13	
			For 4,500 PSI Concrete, Add	1.50	
			For 5,000 PSI Concrete, Add	2.26	
			For White Facing, Add	7.52	
			For Solid White Through Thickness, Add	7.52	
			For Broken Rib Finish, Add	3.76	
			For Fluted Surface, Add	3.76	
			For Exposed Aggregate, Add	7.52	
			For Sandblasting Of Surface, Add	3.76	
			For 2" Polystyrene Insulation, Add	1.15	
03 41 19 00-0027	SF		5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	46.23	
			For 3,500 PSI Concrete, Add	0.92	
			For 4,000 PSI Concrete, Add	1.39	
			For 4,500 PSI Concrete, Add	1.85	
			For 5,000 PSI Concrete, Add	2.77	
			For White Facing, Add	9.25	
			For Solid White Through Thickness, Add	9.25	
			For Broken Rib Finish, Add	4.62	
			For Fluted Surface, Add	4.62	
			For Exposed Aggregate, Add	9.25	
			For Sandblasting Of Surface, Add	4.62	
			For 2" Polystyrene Insulation, Add	1.15	
03 41 19 00-0028	SF		6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	55.63	
			For 3,500 PSI Concrete, Add	1.11	
			For 4,000 PSI Concrete, Add	1.67	
			For 4,500 PSI Concrete, Add	2.23	
			For 5,000 PSI Concrete, Add	3.34	
			For White Facing, Add	11.13	
			For Solid White Through Thickness, Add	11.13	
			For Broken Rib Finish, Add	5.56	
			For Fluted Surface, Add	5.56	
			For Exposed Aggregate, Add	11.13	
			For Sandblasting Of Surface, Add	5.56	
			For 2" Polystyrene Insulation, Add	1.15	
03 41 19 00-0029	SF		8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	73.30	
			For 3,500 PSI Concrete, Add	1.47	
			For 4,000 PSI Concrete, Add	2.20	
			For 4,500 PSI Concrete, Add	2.93	
			For 5,000 PSI Concrete, Add	4.40	
			For White Facing, Add	14.66	
			For Solid White Through Thickness, Add	14.66	
			For Broken Rib Finish, Add	7.33	
			For Fluted Surface, Add	7.33	
			For Exposed Aggregate, Add	14.66	
			For Sandblasting Of Surface, Add	7.33	
			For 2" Polystyrene Insulation, Add	1.15	

**03 41 19 00-0030****Partition Panels** (03 41 19)**03 41 19 00-0031****Erection Costs Using 20 Ton Hydraulic Crane** (03 41 19 00-0030)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0032	EA		Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane.....	267.46	213.93
03 41 19 00-0033	EA		Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane.....	297.33	237.89
03 41 19 00-0034	EA		Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane.....	334.69	267.75
03 41 19 00-0035	EA		Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane.....	382.81	306.25
03 41 19 00-0036	EA		Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane.....	411.06	328.89
03 41 19 00-0037	EA		Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane.....	447.07	357.64
03 41 19 00-0038	EA		Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane.....	486.10	388.93
03 41 19 00-0039	EA		Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane.....	537.27	429.83

**03 41 19 00-0040****Erection Costs Using 50 Ton Hydraulic Crane** (03 41 19 00-0030)

Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.





<b>Concrete</b>	<b>03</b>	<b>CS</b>
<b>Precast Concrete</b>	<b>03 40</b>	
<b>Precast Structural Concrete</b>	<b>03 41</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41	19 00-0041	EA	Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	331.20	264.99
03 41	19 00-0042	EA	Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....	368.19	294.50
03 41	19 00-0043	EA	Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	414.46	331.59
03 41	19 00-0044	EA	Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....	474.04	379.23
03 41	19 00-0045	EA	Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	509.04	407.20
03 41	19 00-0046	EA	Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....	553.63	442.87
03 41	19 00-0047	EA	Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	601.96	481.62
03 41	19 00-0048	EA	Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....	665.32	532.23
03 41	19 00-0049	EA	Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane.....	736.37	589.11
03 41	19 00-0050	EA	Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane.....	833.48	666.74
03 41	19 00-0051	EA	Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	948.08	758.46
03 41	19 00-0052	EA	Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane.....	1,099.22	879.34
<b>03 41 19 00-0053 Material Cost</b> <small>(03 41 19 00-0030)</small>					
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.					
03 41	19 00-0054	SF	4" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	35.71	
			<i>For 4,000 PSI Concrete, Add</i>	1.07	
			<i>For 4,500 PSI Concrete, Add</i>	1.43	
			<i>For 5,000 PSI Concrete, Add</i>	2.14	
			<i>For White Facing, Add</i>	7.14	
			<i>For Solid White Through Thickness, Add</i>	7.14	
			<i>For Broken Rib Finish, Add</i>	3.57	
			<i>For Fluted Surface, Add</i>	3.57	
			<i>For Exposed Aggregate, Add</i>	7.14	
			<i>For Sandblasting Of Surface, Add</i>	3.57	
03 41	19 00-0055	SF	5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	43.98	
			<i>For 4,000 PSI Concrete, Add</i>	1.32	
			<i>For 4,500 PSI Concrete, Add</i>	1.76	
			<i>For 5,000 PSI Concrete, Add</i>	2.64	
			<i>For White Facing, Add</i>	8.80	
			<i>For Solid White Through Thickness, Add</i>	8.80	
			<i>For Broken Rib Finish, Add</i>	4.40	
			<i>For Fluted Surface, Add</i>	4.40	
			<i>For Exposed Aggregate, Add</i>	8.80	
			<i>For Sandblasting Of Surface, Add</i>	4.40	
03 41	19 00-0056	SF	6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	52.62	
			<i>For 4,000 PSI Concrete, Add</i>	1.58	
			<i>For 4,500 PSI Concrete, Add</i>	2.10	
			<i>For 5,000 PSI Concrete, Add</i>	3.16	
			<i>For White Facing, Add</i>	10.52	
			<i>For Solid White Through Thickness, Add</i>	10.52	
			<i>For Broken Rib Finish, Add</i>	5.26	
			<i>For Fluted Surface, Add</i>	5.26	
			<i>For Exposed Aggregate, Add</i>	10.52	
			<i>For Sandblasting Of Surface, Add</i>	5.26	
03 41	19 00-0057	SF	8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	69.54	
			<i>For 4,000 PSI Concrete, Add</i>	2.09	
			<i>For 4,500 PSI Concrete, Add</i>	2.78	
			<i>For 5,000 PSI Concrete, Add</i>	4.17	
			<i>For White Facing, Add</i>	13.91	
			<i>For Solid White Through Thickness, Add</i>	13.91	
			<i>For Broken Rib Finish, Add</i>	6.95	
			<i>For Fluted Surface, Add</i>	6.95	
			<i>For Exposed Aggregate, Add</i>	13.91	
			<i>For Sandblasting Of Surface, Add</i>	6.95	
<b>03 41 19 00-0058 Cladding Panels</b> <small>(03 41 19)</small>					
<b>03 41 19 00-0059 Erection Costs Using 50 Ton Hydraulic Crane</b> <small>(03 41 19 00-0058)</small>					
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.					
03 41	19 00-0060	EA	Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	349.52	279.57
03 41	19 00-0061	EA	Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	390.96	312.75
03 41	19 00-0062	EA	Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	443.54	354.82
03 41	19 00-0063	EA	Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	474.04	379.23
03 41	19 00-0064	EA	Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	509.04	407.20
03 41	19 00-0065	EA	Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	553.63	442.87
03 41	19 00-0066	EA	Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	601.96	481.62
03 41	19 00-0067	EA	Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	665.32	532.23
<b>03 41 19 00-0068 Erection Costs Using 90 Ton Crawler Crane</b> <small>(03 41 19 00-0058)</small>					
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.					
03 41	19 00-0069	EA	Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	394.05	315.19
03 41	19 00-0070	EA	Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	440.76	352.60
03 41	19 00-0071	EA	Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	500.05	399.99
03 41	19 00-0072	EA	Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	534.42	427.54
03 41	19 00-0073	EA	Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	573.88	459.13
03 41	19 00-0074	EA	Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	624.15	499.27
03 41	19 00-0075	EA	Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane.....	678.64	542.86

**03 Concrete****03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0076	EA		Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	750.08	600.11
03 41 19 00-0077	EA		Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	830.18	664.11
03 41 19 00-0078	EA		Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	939.65	751.76
03 41 19 00-0079	EA		Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	1,068.86	855.08
03 41 19 00-0080	EA		Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	1,239.25	991.42
<b>03 41 19 00-0081</b>			<b>Material Cost</b> <small>(03 41 19 00-0058)</small>		
			Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.		
03 41 19 00-0082	SF		4" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	35.71	
			For 3,500 PSI Concrete, Add	0.71	
			For 4,000 PSI Concrete, Add	1.07	
			For 4,500 PSI Concrete, Add	1.43	
			For 5,000 PSI Concrete, Add	2.14	
			For White Facing, Add	7.14	
			For Solid White Through Thickness, Add	7.14	
			For Broken Rib Finish, Add	3.57	
			For Fluted Surface, Add	3.57	
			For Exposed Aggregate, Add	7.14	
			For Sandblasting Of Surface, Add	3.57	
03 41 19 00-0083	SF		5" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	43.98	
			For 3,500 PSI Concrete, Add	0.88	
			For 4,000 PSI Concrete, Add	1.32	
			For 4,500 PSI Concrete, Add	1.76	
			For 5,000 PSI Concrete, Add	2.64	
			For White Facing, Add	8.80	
			For Solid White Through Thickness, Add	8.80	
			For Broken Rib Finish, Add	4.40	
			For Fluted Surface, Add	4.40	
			For Exposed Aggregate, Add	8.80	
			For Sandblasting Of Surface, Add	4.40	
03 41 19 00-0084	SF		6" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	52.62	
			For 3,500 PSI Concrete, Add	1.05	
			For 4,000 PSI Concrete, Add	1.58	
			For 4,500 PSI Concrete, Add	2.10	
			For 5,000 PSI Concrete, Add	3.16	
			For White Facing, Add	10.52	
			For Solid White Through Thickness, Add	10.52	
			For Broken Rib Finish, Add	5.26	
			For Fluted Surface, Add	5.26	
			For Exposed Aggregate, Add	10.52	
			For Sandblasting Of Surface, Add	5.26	
03 41 19 00-0085	SF		8" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	69.54	
			For 3,500 PSI Concrete, Add	1.39	
			For 4,000 PSI Concrete, Add	2.09	
			For 4,500 PSI Concrete, Add	2.78	
			For 5,000 PSI Concrete, Add	4.17	
			For White Facing, Add	13.91	
			For Solid White Through Thickness, Add	13.91	
			For Broken Rib Finish, Add	6.95	
			For Fluted Surface, Add	6.95	
			For Exposed Aggregate, Add	13.91	
			For Sandblasting Of Surface, Add	6.95	
<b>03 41 19 00-0086</b>			<b>Sandwich Panel</b> <small>(03 41 19)</small>		
<b>03 41 19 00-0087</b>			<b>Erection Costs Using 50 Ton Hydraulic Crane</b> <small>(03 41 19 00-0086)</small>		
			Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0088	EA		Erect Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane .....	349.52	279.57
03 41 19 00-0089	EA		Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane .....	390.96	312.75
03 41 19 00-0090	EA		Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane .....	443.54	354.82
03 41 19 00-0091	EA		Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane .....	474.04	379.23
03 41 19 00-0092	EA		Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane .....	509.04	407.20
03 41 19 00-0093	EA		Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane .....	553.63	442.87
03 41 19 00-0094	EA		Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane .....	601.96	481.62
03 41 19 00-0095	EA		Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane .....	665.32	532.23
<b>03 41 19 00-0096</b>			<b>Erection Costs Using 90 Ton Crawler Crane</b> <small>(03 41 19 00-0086)</small>		
			Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0097	EA		Erect Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane .....	355.56	284.40
03 41 19 00-0098	EA		Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane .....	397.72	318.16
03 41 19 00-0099	EA		Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane .....	451.21	360.95
03 41 19 00-0100	EA		Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane .....	482.23	385.79
03 41 19 00-0101	EA		Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane .....	517.83	414.24
03 41 19 00-0102	EA		Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane .....	563.20	450.52
03 41 19 00-0103	EA		Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane .....	612.36	489.95
03 41 19 00-0104	EA		Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane .....	676.82	541.43
03 41 19 00-0105	EA		Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane .....	749.10	599.29
03 41 19 00-0106	EA		Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane .....	847.88	678.26
03 41 19 00-0107	EA		Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane .....	964.47	771.57



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Precast Concrete</b>	<b>03 40</b>	
<b>Precast Structural Concrete</b>	<b>03 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0108 EA Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	1,118.22	894.54
<b>03 41 19 00-0109 Material Cost</b> <small>(03 41 19 00-0086)</small>		
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.		
03 41 19 00-0110 SF 4" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect.....	48.87	
For 3,500 PSI Concrete, Add	0.98	
For 4,000 PSI Concrete, Add	1.47	
For 4,500 PSI Concrete, Add	1.95	
For 5,000 PSI Concrete, Add	2.93	
For White Facing, Add	9.77	
For Solid White Through Thickness, Add	9.77	
For Broken Rib Finish, Add	4.89	
For Fluted Surface, Add	4.89	
For Exposed Aggregate, Add	9.77	
For Sandblasting Of Surface, Add	4.89	
03 41 19 00-0111 SF 5" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect.....	57.51	
For 3,500 PSI Concrete, Add	1.15	
For 4,000 PSI Concrete, Add	1.73	
For 4,500 PSI Concrete, Add	2.30	
For 5,000 PSI Concrete, Add	3.45	
For White Facing, Add	11.50	
For Solid White Through Thickness, Add	11.50	
For Broken Rib Finish, Add	5.75	
For Fluted Surface, Add	5.75	
For Exposed Aggregate, Add	11.50	
For Sandblasting Of Surface, Add	5.75	
03 41 19 00-0112 SF 6" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect.....	66.91	
For 3,500 PSI Concrete, Add	1.34	
For 4,000 PSI Concrete, Add	2.01	
For 4,500 PSI Concrete, Add	2.68	
For 5,000 PSI Concrete, Add	4.01	
For White Facing, Add	13.38	
For Solid White Through Thickness, Add	13.38	
For Broken Rib Finish, Add	6.69	
For Fluted Surface, Add	6.69	
For Exposed Aggregate, Add	13.38	
For Sandblasting Of Surface, Add	6.69	
03 41 19 00-0113 SF 8" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect.....	84.58	
For 3,500 PSI Concrete, Add	1.69	
For 4,000 PSI Concrete, Add	2.54	
For 4,500 PSI Concrete, Add	3.38	
For 5,000 PSI Concrete, Add	5.07	
For White Facing, Add	16.92	
For Solid White Through Thickness, Add	16.92	
For Broken Rib Finish, Add	8.46	
For Fluted Surface, Add	8.46	
For Exposed Aggregate, Add	16.92	
For Sandblasting Of Surface, Add	8.46	
<b>03 41 23 Precast Concrete Stairs</b> <small>(03 41)</small>		
<b>03 41 23 00-0001 Erection Costs Using A 50 Ton Hydraulic Crane</b> <small>(03 41 23)</small>		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 23 00-0002 EA Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....	368.19	294.50
03 41 23 00-0003 EA Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	390.96	312.75
03 41 23 00-0004 EA Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....	414.46	331.59
03 41 23 00-0005 EA Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	443.54	354.82
03 41 23 00-0006 EA Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....	474.04	379.23
03 41 23 00-0007 EA Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	509.04	407.20
03 41 23 00-0008 EA Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....	553.63	442.87
03 41 23 00-0009 EA Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	601.96	481.62
<b>03 41 23 00-0010 Erection Costs Using A 90 Ton Crawler Crane</b> <small>(03 41 23)</small>		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 23 00-0011 EA Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane.....	368.19	294.50
03 41 23 00-0012 EA Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	390.96	312.75
03 41 23 00-0013 EA Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane.....	414.46	331.59
03 41 23 00-0014 EA Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	443.54	354.82
03 41 23 00-0015 EA Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane.....	474.04	379.23
03 41 23 00-0016 EA Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	509.04	407.20
03 41 23 00-0017 EA Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane.....	553.63	442.87
03 41 23 00-0018 EA Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	601.96	481.62
<b>03 41 23 00-0019 Material Cost</b> <small>(03 41 23)</small>		
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.		

<b>03</b>	<b>Concrete</b>
<b>03 40</b>	<b>Precast Concrete</b>
<b>03 41</b>	<b>Precast Structural Concrete</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 23 00-0020 EA 3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser.....	753.33	
For 3,500 PSI Concrete, Add	98.31	
For 4,000 PSI Concrete, Add	184.72	
For 4,500 PSI Concrete, Add	271.50	
For 5,000 PSI Concrete, Add	369.36	
<b>03 41 26 Precast Concrete Structural Sections (03 41)</b>		
<b>03 41 26 00-0001 Precast Beams, Girder And Joists (03 41 26)</b>		
<b>03 41 26 00-0002 Erection Costs Using A 90 Ton Crawler Crane (03 41 26 00-0001)</b>		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0003 EA Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane .....	467.26	373.86
03 41 26 00-0004 EA Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane .....	500.05	399.99
03 41 26 00-0005 EA Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane.....	534.42	427.54
03 41 26 00-0006 EA Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane.....	573.88	459.13
<b>03 41 26 00-0007 Erection Costs Using A 125 Ton Crawler Crane (03 41 26 00-0001)</b>		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0008 EA Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane.....	597.87	478.26
03 41 26 00-0009 EA Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane.....	639.83	511.90
03 41 26 00-0010 EA Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane.....	683.82	547.06
03 41 26 00-0011 EA Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane.....	734.30	587.40
03 41 26 00-0012 EA Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane.....	798.62	638.96
03 41 26 00-0013 EA Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane.....	868.34	694.62
03 41 26 00-0014 EA Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 30' Maximum Radius, 125 Ton Crane.....	959.74	767.79
03 41 26 00-0015 EA Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane.....	1,062.24	849.85
<b>03 41 26 00-0016 Material Cost (03 41 26 00-0001)</b>		
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.		
<b>03 41 26 00-0017 1,000 LB/LF Live Load (03 41 26 00-0016)</b>		
03 41 26 00-0018 LF Precast Structural Sections, 1,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	150.64	
For 3,500 PSI Concrete, Add	4.11	
For 4,000 PSI Concrete, Add	6.18	
For 4,500 PSI Concrete, Add	8.22	
For 5,000 PSI Concrete, Add	12.35	
03 41 26 00-0019 LF Precast Structural Sections, 1,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	188.30	
For 3,500 PSI Concrete, Add	5.14	
For 4,000 PSI Concrete, Add	7.72	
For 4,500 PSI Concrete, Add	10.28	
For 5,000 PSI Concrete, Add	15.44	
03 41 26 00-0020 LF Precast Structural Sections, 1,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	225.97	
For 3,500 PSI Concrete, Add	6.17	
For 4,000 PSI Concrete, Add	9.26	
For 4,500 PSI Concrete, Add	12.34	
For 5,000 PSI Concrete, Add	18.53	
<b>03 41 26 00-0021 3,000 LB/LF Live Load (03 41 26 00-0016)</b>		
03 41 26 00-0022 LF Precast Structural Sections, 3,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	188.30	
For 3,500 PSI Concrete, Add	5.14	
For 4,000 PSI Concrete, Add	7.72	
For 4,500 PSI Concrete, Add	10.28	
For 5,000 PSI Concrete, Add	15.44	
03 41 26 00-0023 LF Precast Structural Sections, 3,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	225.97	
For 3,500 PSI Concrete, Add	6.17	
For 4,000 PSI Concrete, Add	9.26	
For 4,500 PSI Concrete, Add	12.34	
For 5,000 PSI Concrete, Add	18.53	
03 41 26 00-0024 LF Precast Structural Sections, 3,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	301.29	
For 3,500 PSI Concrete, Add	8.23	
For 4,000 PSI Concrete, Add	12.35	
For 4,500 PSI Concrete, Add	16.45	
For 5,000 PSI Concrete, Add	24.71	
<b>03 41 26 00-0025 5,000 LB/LF Live Load (03 41 26 00-0016)</b>		
03 41 26 00-0026 LF Precast Structural Sections, 5,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	263.63	
For 3,500 PSI Concrete, Add	7.20	
For 4,000 PSI Concrete, Add	10.81	
For 4,500 PSI Concrete, Add	14.39	
For 5,000 PSI Concrete, Add	21.62	
03 41 26 00-0027 LF Precast Structural Sections, 5,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	301.29	
For 3,500 PSI Concrete, Add	8.23	
For 4,000 PSI Concrete, Add	12.35	
For 4,500 PSI Concrete, Add	16.45	
For 5,000 PSI Concrete, Add	24.71	



<b>Concrete</b>	<b>03</b>	<b>03</b>
Precast Concrete	03 40	
Precast Structural Concrete	03 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0028 LF Precast Structural Sections, 5,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	376.61	
For 3,500 PSI Concrete, Add	10.28	
For 4,000 PSI Concrete, Add	15.44	
For 4,500 PSI Concrete, Add	20.56	
For 5,000 PSI Concrete, Add	30.88	
<b>03 41 26 00-0029 Precast Concrete Columns (03 41 26)</b>		
<b>03 41 26 00-0030 Erection Costs Using A 90 Ton Crawler Crane (03 41 26 00-0029)</b>		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0031 EA Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane .....	269.78	215.80
03 41 26 00-0032 EA Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane .....	286.83	229.42
03 41 26 00-0033 EA Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane .....	307.40	245.94
03 41 26 00-0034 EA Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane .....	329.73	263.79
03 41 26 00-0035 EA Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane .....	355.56	284.40
03 41 26 00-0036 EA Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane .....	385.79	308.63
03 41 26 00-0037 EA Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane .....	421.63	337.32
<b>03 41 26 00-0038 Material Cost (03 41 26 00-0029)</b>		
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations.		
<b>03 41 26 00-0039 12" x 12" Column, Square, Tied (03 41 26 00-0038)</b>		
03 41 26 00-0040 CY 12" x 12" Precast Column, Tied, Average Reinforced 351 LB/CY .....	779.70	
For 3,500 PSI Concrete, Add	58.48	
For 4,000 PSI Concrete, Add	109.94	
For 4,500 PSI Concrete, Add	162.18	
For 5,000 PSI Concrete, Add	220.66	
<b>03 41 26 00-0041 16" x 16" Column, Square, Tied (03 41 26 00-0038)</b>		
03 41 26 00-0042 CY 16" x 16" Precast Column, Tied, Average Reinforced 368 LB/CY .....	798.95	
For 3,500 PSI Concrete, Add	59.92	
For 4,000 PSI Concrete, Add	112.65	
For 4,500 PSI Concrete, Add	166.18	
For 5,000 PSI Concrete, Add	226.10	
<b>03 41 26 00-0043 20" x 20" Column, Square, Tied (03 41 26 00-0038)</b>		
03 41 26 00-0044 CY 20" x 20" Precast Column, Tied, Average Reinforced 357 LB/CY .....	800.49	
For 3,500 PSI Concrete, Add	60.04	
For 4,000 PSI Concrete, Add	112.87	
For 4,500 PSI Concrete, Add	166.50	
For 5,000 PSI Concrete, Add	226.54	
<b>03 41 26 00-0045 24" x 24" Column, Square, Tied (03 41 26 00-0038)</b>		
03 41 26 00-0046 CY 24" x 24" Precast Column, Tied, Average Reinforced 365 LB/CY .....	800.49	
For 3,500 PSI Concrete, Add	60.04	
For 4,000 PSI Concrete, Add	112.87	
For 4,500 PSI Concrete, Add	166.50	
For 5,000 PSI Concrete, Add	226.54	
<b>03 41 26 00-0047 28" x 28" Column, Square, Tied (03 41 26 00-0038)</b>		
03 41 26 00-0048 CY 28" x 28" Precast Column, Tied, Average Reinforced 347 LB/CY .....	800.49	
For 3,500 PSI Concrete, Add	60.04	
For 4,000 PSI Concrete, Add	112.87	
For 4,500 PSI Concrete, Add	166.50	
For 5,000 PSI Concrete, Add	226.54	
<b>03 41 26 00-0049 32" x 32" Column, Square, Tied (03 41 26 00-0038)</b>		
03 41 26 00-0050 CY 32" x 32" Precast Column, Tied, Average Reinforced 351 LB/CY .....	798.95	
For 3,500 PSI Concrete, Add	59.92	
For 4,000 PSI Concrete, Add	112.65	
For 4,500 PSI Concrete, Add	166.18	
For 5,000 PSI Concrete, Add	226.10	
<b>03 41 26 00-0051 36" x 36" Column, Square, Tied (03 41 26 00-0038)</b>		
03 41 26 00-0052 CY 36" x 36" Precast Column, Tied, Average Reinforced 278 LB/CY .....	800.49	
For 3,500 PSI Concrete, Add	60.04	
For 4,000 PSI Concrete, Add	112.87	
For 4,500 PSI Concrete, Add	166.50	
For 5,000 PSI Concrete, Add	226.54	
<b>03 41 33 Precast Structural Pretensioned Concrete (03 41)</b>		
<b>03 41 33 00-0001 Slabs, Roof And Floor Members (03 41 33)</b>		

<b>03</b>	<b>Concrete</b>
<b>03 40</b>	<b>Precast Concrete</b>
<b>03 41</b>	<b>Precast Structural Concrete</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0002 SF 4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor.....	16.05	2.16
03 41 33 00-0003 SF 6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor.....	19.97	2.16
03 41 33 00-0004 SF 8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor.....	23.91	2.28
03 41 33 00-0005 SF 10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor.....	27.85	2.38
<b>03 41 33 00-0006 Tee Members (03 41 33)</b>		
<b>03 41 33 00-0007 Multiple Tee, Roof And Floor (03 41 33 00-0006)</b>		
03 41 33 00-0008 SF Prestressed Multiple Tee, Roof And Floor Members .....	35.93	2.82
<b>03 41 33 00-0009 Double Tee Wall Member (03 41 33 00-0006)</b>		
03 41 33 00-0010 SF Prestressed Double Tee Wall Members Precast Concrete, <40' Span.....	51.07	7.70
<b>03 41 33 00-0011 Single Tee, Short Span, Roof Members (03 41 33 00-0006)</b>		
03 41 33 00-0012 SF Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span.....	42.33	4.66
<b>03 41 33 00-0013 Single Tee, Long Span, Roof Members (03 41 33 00-0006)</b>		
03 41 33 00-0014 SF Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span .....	50.70	4.01
<b>03 41 33 00-0015 Prestressed Concrete Items (03 41 33)</b>		
<b>03 41 33 00-0016 Prestressed Quad Tee (03 41 33 00-0015)</b>		
03 41 33 00-0017 SF Tees, Prestressed Quad Tee, Short Spans, Roof.....	25.95	0.86
03 41 33 00-0018 SF Tees, Prestressed Quad Tee, Short Spans, Floor .....	27.08	0.86
<b>03 41 33 00-0019 Prestressed Double Tee (03 41 33 00-0015)</b>		
03 41 33 00-0020 SF Tees, Double Tee, Floor Members , 60' Span .....	43.12	0.76
03 41 33 00-0021 SF Tees, Double Tee, Floor Members , 80' Span .....	59.36	0.76
03 41 33 00-0022 SF Tees, Double Tee, Roof Members, 30' Span.....	29.47	1.30
03 41 33 00-0023 SF Tees, Double Tee, Roof Members, 50' Span.....	45.60	0.86
03 41 33 00-0024 SF Tees, Double Tee, Wall Members, Up To 55' High.....	31.95	1.74
<b>03 41 33 00-0025 Prestressed Single Tee (03 41 33 00-0015)</b>		
03 41 33 00-0026 SF Tees, Single Tee Roof Members, 40' Span .....	51.09	1.95
03 41 33 00-0027 SF Tees, Single Tee Roof Members, 80' Span .....	59.11	1.20
03 41 33 00-0028 SF Tees, Single Tee Roof Members, 100' Span .....	78.17	1.08
03 41 33 00-0029 SF Tees, Single Tee Roof Members, 120' Span .....	82.31	1.08
<b>03 41 33 00-0030 Prestressed Double Tee Floor Members (03 41 33 00-0015)</b>		
03 41 33 00-0031 EA Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45' .....	13,196.66	312.14
03 41 33 00-0032 EA Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50' .....	14,369.96	346.83
03 41 33 00-0033 EA Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60' .....	24,028.93	390.18
03 41 33 00-0034 EA Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25' .....	5,176.02	283.86
03 41 33 00-0035 EA Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25' .....	6,793.43	312.14
03 41 33 00-0036 EA Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35' .....	8,676.74	312.14
03 41 33 00-0037 EA Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45' .....	9,661.71	346.83
03 41 33 00-0038 EA Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50' .....	12,352.47	390.18
03 41 33 00-0039 EA Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60' .....	22,215.55	446.11
<b>03 41 33 00-0040 Prestressed Double Tee Roof Members (03 41 33 00-0015)</b>		
03 41 33 00-0041 EA Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45' .....	10,371.71	312.14
03 41 33 00-0042 EA Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50' .....	13,616.64	346.83
03 41 33 00-0043 EA Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60' .....	22,333.96	390.18
03 41 33 00-0044 EA Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30' .....	6,946.32	283.86
03 41 33 00-0045 EA Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30' .....	7,320.76	312.14
03 41 33 00-0046 EA Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30' .....	8,111.75	312.14
03 41 33 00-0047 EA Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40' .....	8,343.40	346.83
03 41 33 00-0048 EA Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50' .....	11,034.16	390.18
03 41 33 00-0049 EA Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60' .....	19,013.94	446.11
<b>03 41 33 00-0050 Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab (03 41 33)</b>		
03 41 33 00-0051 SF Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete .....	27.42	
03 41 33 00-0052 SF Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete .....	28.54	
03 41 33 00-0053 SF Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete .....	29.88	
03 41 33 00-0054 SF Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete .....	30.89	
03 41 33 00-0055 SF Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete .....	33.01	
<b>03 41 33 00-0056 Double And Single Tees (03 41 33)</b>		



<b>Concrete</b>	<b>03</b>	<b>03</b>
Precast Concrete	03 40	
Precast Structural Concrete	03 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>03 41 33 00-0057 Double And Single Tees With 16" Roof And Floor Loading (03 41 33 00-0056)</b>		
03 41 33 00-0058 SF Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	33.15	
03 41 33 00-0059 SF Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	32.37	
03 41 33 00-0060 SF Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	30.55	
03 41 33 00-0061 SF Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	33.15	
03 41 33 00-0062 SF Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	33.05	
03 41 33 00-0063 SF Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	50.78	
03 41 33 00-0064 SF Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	49.66	
03 41 33 00-0065 SF Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	46.49	
03 41 33 00-0066 SF Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	50.78	
03 41 33 00-0067 SF Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	47.62	
<b>03 41 33 00-0068 Double And Single Tees With 24" Roof And Floor Loading (03 41 33 00-0056)</b>		
03 41 33 00-0069 SF Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	34.16	
03 41 33 00-0070 SF Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	33.39	
03 41 33 00-0071 SF Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	32.25	
03 41 33 00-0072 SF Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	34.16	
03 41 33 00-0073 SF Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	33.05	
03 41 33 00-0074 SF Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	52.13	
03 41 33 00-0075 SF Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	51.01	
03 41 33 00-0076 SF Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	49.20	
03 41 33 00-0077 SF Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	52.13	
03 41 33 00-0078 SF Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	50.68	
<b>03 41 33 00-0079 Double And Single Tees With 32" Roof And Floor Loading (03 41 33 00-0056)</b>		
03 41 33 00-0080 SF Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	36.05	
03 41 33 00-0081 SF Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	34.91	
03 41 33 00-0082 SF Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	33.77	
03 41 33 00-0083 SF Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	55.37	
03 41 33 00-0084 SF Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	53.56	
03 41 33 00-0085 SF Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	51.40	
<b>03 48 Precast Concrete Specialties (03 40)</b>		
<b>03 48 16 Precast Concrete Splash Blocks (03 48)</b>		
<b>03 48 16 00-0001 Precast Concrete Splash Blocks (03 48 16)</b>		
03 48 16 00-0002 EA Precast Concrete Splash Blocks, 20" x 12" x 3"	35.21	3.55
<b>03 48 21 Precast Concrete Handrails (03 48)</b>		
<b>03 48 21 00-0001 Installation Cost (03 48 21)</b>		
Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.		
03 48 21 00-0002 EA Install Precast Handrails, 0-2 Ton/Handrail	152.02	68.44
03 48 21 00-0003 EA Install Precast Handrails, Over 2 Ton/Handrail	182.32	82.02
<b>03 48 21 00-0004 Material Cost (03 48 21)</b>		
Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.		
03 48 21 00-0005 CY 4" Thick 3,000 PSI Concrete Precast Concrete Handrail	2,975.71	
For 3,500 PSI Concrete, Add	194.17	
For 4,000 PSI Concrete, Add	364.82	
For 4,500 PSI Concrete, Add	536.22	
For 5,000 PSI Concrete, Add	729.50	
03 48 21 00-0006 CY 5" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,088.72	
For 3,500 PSI Concrete, Add	201.54	
For 4,000 PSI Concrete, Add	378.68	
For 4,500 PSI Concrete, Add	556.59	
For 5,000 PSI Concrete, Add	757.20	
03 48 21 00-0007 CY 6" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,201.72	
For 3,500 PSI Concrete, Add	208.91	
For 4,000 PSI Concrete, Add	392.53	
For 4,500 PSI Concrete, Add	576.95	
For 5,000 PSI Concrete, Add	784.90	
03 48 21 00-0008 CY 8" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,352.39	
For 3,500 PSI Concrete, Add	218.74	
For 4,000 PSI Concrete, Add	411.00	
For 4,500 PSI Concrete, Add	604.10	
For 5,000 PSI Concrete, Add	821.84	
<b>03 48 22 Precast Concrete Sun Screen and Trellis (03 48)</b>		
<b>03 48 22 00-0001 Sun Screen Blades (03 48 22)</b>		
<b>03 48 22 00-0002 Installation Cost (03 48 22 00-0001)</b>		
Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.		
03 48 22 00-0003 EA Install Precast Sun Screen Blade, 0-1 Ton/Each	76.02	34.22

<b>03</b>	<b>Concrete</b>
<b>03 40</b>	<b>Precast Concrete</b>
<b>03 48</b>	<b>Precast Concrete Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 22 00-0004	EA		Install Precast Sun Screen Blade, 1-2 Ton/Each .....	91.32	41.06
03 48 22 00-0005	EA		Install Precast Sun Screen Blade, 2-3 Ton/Each .....	114.10	51.38
<b>03 48 22 00-0006</b>			<b>Material Cost</b> (03 48 22 00-0001) Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 22 00-0007	CY		4" Thick 3,000 PSI Concrete Precast Sun Screen Blades .....	3,164.05	
			For 3,500 PSI Concrete, Add .....	206.45	
			For 4,000 PSI Concrete, Add .....	387.91	
			For 4,500 PSI Concrete, Add .....	570.16	
			For 5,000 PSI Concrete, Add .....	775.67	
03 48 22 00-0008	CY		5" Thick 3,000 PSI Concrete Precast Sun Screen Blades .....	3,277.05	
			For 3,500 PSI Concrete, Add .....	213.83	
			For 4,000 PSI Concrete, Add .....	401.77	
			For 4,500 PSI Concrete, Add .....	590.52	
			For 5,000 PSI Concrete, Add .....	803.37	
03 48 22 00-0009	CY		6" Thick 3,000 PSI Concrete Precast Sun Screen Blades .....	3,427.72	
			For 3,500 PSI Concrete, Add .....	223.66	
			For 4,000 PSI Concrete, Add .....	420.24	
			For 4,500 PSI Concrete, Add .....	617.68	
			For 5,000 PSI Concrete, Add .....	840.31	
03 48 22 00-0010	CY		8" Thick 3,000 PSI Concrete Precast Sun Screen Blades .....	3,578.39	
			For 3,500 PSI Concrete, Add .....	233.49	
			For 4,000 PSI Concrete, Add .....	438.71	
			For 4,500 PSI Concrete, Add .....	644.83	
			For 5,000 PSI Concrete, Add .....	877.24	
<b>03 48 22 00-0011</b>			<b>Sun Screen/Trellis Units</b> (03 48 22)		
<b>03 48 22 00-0012</b>			<b>Installation Cost Using A 50 Ton Hydraulic Crane</b> (03 48 22 00-0011) Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.		
03 48 22 00-0013	EA		Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane .....	349.52	157.26
03 48 22 00-0014	EA		Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane .....	390.96	175.98
03 48 22 00-0015	EA		Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane .....	443.54	199.57
03 48 22 00-0016	EA		Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane .....	474.04	213.32
<b>03 48 22 00-0017</b>			<b>Material Cost</b> (03 48 22 00-0011) Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 22 00-0018	CY		4" Thick 3,000 PSI Concrete Precast Trellises Blades .....	3,653.72	
			For 3,500 PSI Concrete, Add .....	238.41	
			For 4,000 PSI Concrete, Add .....	447.95	
			For 4,500 PSI Concrete, Add .....	658.40	
			For 5,000 PSI Concrete, Add .....	895.71	
03 48 22 00-0019	CY		5" Thick 3,000 PSI Concrete Precast Trellises Blades .....	3,766.73	
			For 3,500 PSI Concrete, Add .....	245.78	
			For 4,000 PSI Concrete, Add .....	461.80	
			For 4,500 PSI Concrete, Add .....	678.76	
			For 5,000 PSI Concrete, Add .....	923.41	
03 48 22 00-0020	CY		6" Thick 3,000 PSI Concrete Precast Trellises Blades .....	3,917.40	
			For 3,500 PSI Concrete, Add .....	255.61	
			For 4,000 PSI Concrete, Add .....	480.27	
			For 4,500 PSI Concrete, Add .....	705.92	
			For 5,000 PSI Concrete, Add .....	960.35	
03 48 22 00-0021	CY		8" Thick 3,000 PSI Concrete Precast Trellises Blades .....	4,105.73	
			For 3,500 PSI Concrete, Add .....	267.90	
			For 4,000 PSI Concrete, Add .....	503.36	
			For 4,500 PSI Concrete, Add .....	739.85	
			For 5,000 PSI Concrete, Add .....	1,006.52	
<b>03 48 24</b>			<b>Precast Minaret Segments</b> (03 48)		
<b>03 48 24 00-0001</b>			<b>Installation Costs Using A 50 Ton Hydraulic Crane</b> (03 48 24) Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
<b>03 48 24 00-0002</b>			<b>L - Shaped Segments</b> (03 48 24 00-0001)		
03 48 24 00-0003	EA		Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane .....	340.12	272.10
03 48 24 00-0004	EA		Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane .....	381.13	304.93
03 48 24 00-0005	EA		Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane .....	430.94	344.74
03 48 24 00-0006	EA		Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane .....	459.68	367.74
<b>03 48 24 00-0007</b>			<b>O - Shaped Segments</b> (03 48 24 00-0001)		
03 48 24 00-0008	EA		Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane .....	359.46	287.63
03 48 24 00-0009	EA		Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane .....	403.44	322.70
03 48 24 00-0010	EA		Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane .....	456.91	365.49
03 48 24 00-0011	EA		Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane .....	489.33	391.44
<b>03 48 24 00-0012</b>			<b>Platform Segment</b> (03 48 24 00-0001)		
03 48 24 00-0013	EA		Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane .....	689.51	551.67
03 48 24 00-0014	EA		Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane .....	833.48	666.74





<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Precast Concrete</b>	<b>03 40</b>	
<b>Precast Concrete Specialties</b>	<b>03 48</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 24 00-0015 EA Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane .....	924.95	739.98
03 48 24 00-0016 EA Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane .....	1,038.99	831.23
<b>03 48 24 00-0017 Cap Segment (03 48 24 00-0001)</b>		
03 48 24 00-0018 EA Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane .....	377.35	301.84
03 48 24 00-0019 EA Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane .....	421.37	337.04
03 48 24 00-0020 EA Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane .....	480.04	383.97
03 48 24 00-0021 EA Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane .....	512.48	409.93
<b>03 48 24 00-0022 Installation Costs Using A 90 Ton Crawler Crane (03 48 24)</b>		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.		
<b>03 48 24 00-0023 L - Shaped Segments (03 48 24 00-0022)</b>		
03 48 24 00-0024 EA Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane .....	346.00	276.80
03 48 24 00-0025 EA Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane .....	387.72	310.20
03 48 24 00-0026 EA Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane .....	438.39	350.70
03 48 24 00-0027 EA Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane .....	467.62	374.09
<b>03 48 24 00-0028 O - Shaped Segment (03 48 24 00-0022)</b>		
03 48 24 00-0029 EA Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane .....	365.67	292.60
03 48 24 00-0030 EA Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane .....	410.41	328.28
03 48 24 00-0031 EA Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane .....	464.81	371.80
03 48 24 00-0032 EA Install Minaret, O-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane .....	497.79	398.21
<b>03 48 24 00-0033 Platform Segment (03 48 24 00-0022)</b>		
03 48 24 00-0034 EA Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane .....	559.11	447.27
03 48 24 00-0035 EA Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane .....	676.82	541.43
03 48 24 00-0036 EA Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane .....	749.10	599.29
03 48 24 00-0037 EA Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane .....	847.88	678.26
<b>03 48 24 00-0038 Cap Segment (03 48 24 00-0022)</b>		
03 48 24 00-0039 EA Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane .....	383.87	307.06
03 48 24 00-0040 EA Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane .....	428.65	342.87
03 48 24 00-0041 EA Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane .....	488.34	390.61
03 48 24 00-0042 EA Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane .....	521.33	417.02
<b>03 48 24 00-0043 Material Costs (03 48 24)</b>		
Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 24 00-0044 CY Precast Concrete Minaret, L-Shaped Segments, 3,000 PSI Concrete .....	9,039.64	
Note: Including Post Tension Cost		
03 48 24 00-0045 CY Precast Concrete Minaret, O-Shaped Segments, 3,000 PSI Concrete .....	9,039.64	
Note: Including Post Tension Cost		
03 48 24 00-0046 CY Precast Concrete Minaret, Platform Segments, 3,000 PSI Concrete .....	9,039.64	
Note: Including Post Tension Cost		
03 48 24 00-0047 CY Precast Concrete Minaret, Cap Segments, 3,000 PSI Concrete .....	9,039.64	
Note: Including Post Tension Cost		
<b>03 48 29 Precast Accessories (03 48)</b>		
Note: Includes installation labor, material and equipment.		
<b>03 48 29 00-0001 Bearing Pads For Precast Members (03 48 29)</b>		
<b>03 48 29 00-0002 Continuous 2" Wide Strips (03 48 29 00-0001)</b>		
03 48 29 00-0003 LF Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips .....	1.36	
Note: For precast members		
03 48 29 00-0004 LF Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips .....	1.97	
Note: For precast members.		
03 48 29 00-0005 LF Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips .....	3.33	
Note: For precast members		
03 48 29 00-0006 LF Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips .....	4.69	
Note: For precast members		
03 48 29 00-0007 LF Bearing Pads, Continuous 2" Wide x 1" Thick Strips .....	6.12	
Note: For precast members		
03 48 29 00-0008 LF Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips .....	8.83	
Note: For precast members		
<b>03 48 29 00-0009 Bearing Pad Pipe Supports (03 48 29)</b>		
03 48 29 00-0010 LF 8" Diameter Precast Balustrade, Decorative Shapes .....	109.72	
03 48 29 00-0011 LF Precast Rail Cap, <1 SF Cross Section .....	70.03	
03 48 29 00-0012 LF 4" x 4" Precast Pipe Support .....	8.00	

**03 48 46 Precast Skylight Shells (03 48)**

<b>03</b>	<b>03 Concrete</b>
	<b>03 40 Precast Concrete</b>
	<b>03 48 Precast Concrete Specialties</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>03 48 46 00-0001</b> <b>Installation Cost Using A 90 Ton Crawler Crane</b> <small>(03 48 46)</small> Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 46 00-0002    EA    Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane.....	500.05	225.06
03 48 46 00-0003    EA    Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane.....	555.25	249.88
03 48 46 00-0004    EA    Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane.....	624.15	280.88
 <b>03 48 46 00-0005</b> <b>Material Cost</b> <small>(03 48 46)</small> Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 46 00-0006    CY    3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius .....	3,781.90	
 <b>03 48 49</b> <b>Precast Landings</b> <small>(03 48)</small>		
03 48 49 00-0001    SF    3" Thick Precast Landing .....	93.61	
03 48 49 00-0002    SF    4" Thick Precast Landing .....	109.19	
03 48 49 00-0003    SF    5" Thick Precast Landing .....	123.99	
03 48 49 00-0004    SF    6" Thick Precast Landing .....	142.93	
 <b>03 48 54</b> <b>Precast Concrete Blocks</b> <small>(03 48)</small>		
<b>03 48 54 00-0001</b> <b>Precast Concrete Blocks</b> <small>(03 48 54)</small>		
03 48 54 00-0002    EA    2' x 2' x 2' Precast Concrete Block.....	116.17	38.25
03 48 54 00-0003    EA    2' x 2' x 4' Precast Concrete Block.....	163.13	47.81
03 48 54 00-0004    EA    2' x 2' x 8' Precast Concrete Block.....	262.69	57.37
 <b>03 50 Cast Decks and Underlayment</b> <small>(03)</small>		
<b>03 51 Cast Roof Decks</b> <small>(03 50)</small>		
<b>03 51 13 Cementitious Wood Fiber Decks</b> <small>(03 51)</small>		
<b>03 51 13 00-0001</b> <b>Cement Fiber Tongue And Groove Planks</b> <small>(03 51 13)</small>		
03 51 13 00-0002    SF    1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....	4.42	
03 51 13 00-0003    SF    1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....	4.61	
03 51 13 00-0004    SF    2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....	4.82	
03 51 13 00-0005    SF    2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....	5.53	
03 51 13 00-0006    SF    3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....	6.29	
03 51 13 00-0007    SF    3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....	7.16	
03 51 13 00-0008    SF    4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....	8.23	
 <b>03 51 16 Gypsum Concrete Roof Decks</b> <small>(03 51)</small>		
<b>03 51 16 00-0001</b> <b>Class A Gypsum Fill Concrete Deck</b> <small>(03 51 16)</small>		
03 51 16 00-0002    SF    2" Thick Precast Gypsum Fill Concrete Deck, Class A.....	10.41	0.51
03 51 16 00-0003    SF    2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A.....	12.90	0.60
03 51 16 00-0004    SF    3" Thick Precast Gypsum Fill Concrete Deck, Class A.....	15.42	0.68
03 51 16 00-0005    SF    3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A.....	17.95	0.77
03 51 16 00-0006    SF    4" Thick Precast Gypsum Fill Concrete Deck, Class A.....	20.50	0.85
 <b>03 51 16 00-0007</b> <b>Form Board For Lightweight Deck</b> <small>(03 51 16)</small>		
03 51 16 00-0008    SF    Gypsum Deck Form Board, 1/2" Drywall For Lightweight Deck.....	1.99	
03 51 16 00-0009    SF    Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck .....	2.57	
03 51 16 00-0010    SF    Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck.....	5.02	
03 51 16 00-0011    SF    Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck .....	2.19	0.59
03 51 16 00-0012    SF    Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck .....	2.62	0.59
03 51 16 00-0013    SF    Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck.....	2.84	0.59
03 51 16 00-0014    SF    Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck.....	3.47	0.59
 <b>03 51 16 00-0015</b> <b>Gypsum Plank</b> <small>(03 51 16)</small>		
03 51 16 00-0016    SF    2" Thick, Insulating Concrete Gypsum Plank, Roof Deck .....	4.58	
03 51 16 00-0017    SF    3" Thick, Insulating Concrete Gypsum Plank, Roof Deck .....	6.18	
 <b>03 53 Concrete Topping</b> <small>(03 50)</small> Note: Installed over new or existing concrete.		
<b>03 53 14 Granolithic Concrete Topping</b> <small>(03 53)</small>		
<b>03 53 14 00-0001</b> <b>Granolithic Topping Laid After</b> <small>(03 53 14)</small> Note: Using 1:1:1-1/2 mix.		
03 53 14 00-0002    SF    1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix.....	4.06	
03 53 14 00-0003    SF    1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix .....	4.48	
03 53 14 00-0004    SF    2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix.....	5.80	



<b>Concrete</b>	<b>03</b>	<b>CS</b>
<b>Cast Decks and Underlayment</b>	<b>03 50</b>	
<b>Concrete Topping</b>	<b>03 53</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**03 53 19 Concrete Overlayment** (03 53)

**03 53 19 00-0001 Integral Topping Including Hard Trowel Finish** (03 53 19)

Note: Using 1:1:2 mix.

03 53 19 00-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	2.42
03 53 19 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	2.78
03 53 19 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	3.30
03 53 19 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	3.97
03 53 19 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	5.82
03 53 19 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	5.22
03 53 19 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	5.92

**03 54 Cast Underlayment** (03 50)

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

**03 54 16 Hydraulic Cement Underlayment** (03 54)

**03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors** (03 54 16)

Note: Includes primer.

03 54 16 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors.....	2.00
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.13
		For >100 To 250 SF, Add	0.07
03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors.....	3.56
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.13
		For >100 To 250 SF, Add	0.07
03 54 16 00-0004	SF	3/8" Thick Self Leveling Cementitious Underlayment For Floors.....	4.60
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.13
		For >100 To 250 SF, Add	0.07
03 54 16 00-0005	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors.....	6.68
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.13
		For >100 To 250 SF, Add	0.07
03 54 16 00-0006	SF	5/8" Thick Self Leveling Cementitious Underlayment For Floors.....	7.92
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.13
		For >100 To 250 SF, Add	0.07
03 54 16 00-0007	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors.....	9.84
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.15
		For >100 To 250 SF, Add	0.08
03 54 16 00-0008	SF	1" Thick Self Leveling Cementitious Underlayment For Floors.....	12.95
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.15
		For >100 To 250 SF, Add	0.08
03 54 16 00-0009	SF	1-1/4" Thick Self Leveling Cementitious Underlayment For Floors.....	17.14
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.17
		For >100 To 250 SF, Add	0.09
03 54 16 00-0010	SF	1-1/2" Thick Self Leveling Cementitious Underlayment For Floors.....	19.24
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.17
		For >100 To 250 SF, Add	0.09
03 54 16 00-0011	SF	1-3/4" Thick Self Leveling Cementitious Underlayment For Floors.....	25.57
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.21
		For >100 To 250 SF, Add	0.11

**03 60 Grouting** (03)

**03 61 Cementitious Grouting** (03 60)

Note: 1 part cement to 3 parts sand by volume.

**03 61 16 Cementitious Flowable Grout** (03 61)

**03 61 16 00-0001 Cementitious Flowable Grout** (03 61 16)

03 61 16 00-0002	CY	Cementitious Flowable Grout.....	505.27
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**03 62 Non-Shrink Grouting** (03 60)

**03 62 13 Non-Metallic Non-Shrink Grouting** (03 62)

**03 62 13 00-0001 Fluid Type, Non-Metallic Non-Shrink Grouting For Bases** (03 62 13)

03 62 13 00-0002	SF	1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases.....	27.07
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases.....	41.63

**03 62 13 00-0004 Non-Metallic Non-Shrink Grouting For Bases** (03 62 13)

<b>03</b>	<b>Concrete</b>
<b>03 60</b>	<b>Grouting</b>
<b>03 62</b>	<b>Non-Shrink Grouting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 62 13 00-0005 SF 1" Deep, Non-Metallic Non-Shrink Grout For Bases .....	42.16	
03 62 13 00-0006 SF 2" Deep, Non-Metallic Non-Shrink Grout For Bases .....	69.53	
<b>03 62 13 00-0007 Non-Metallic Non-Shrink Grouting For Joints (03 62 13)</b>		
<b>03 62 13 00-0008 1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints (03 62 13 00-0007)</b>		
03 62 13 00-0009 LF 4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints .....	2.08	
03 62 13 00-0010 LF 6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints .....	2.76	
03 62 13 00-0011 LF 8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints .....	3.65	
<b>03 62 13 00-0012 1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints (03 62 13 00-0007)</b>		
03 62 13 00-0013 LF 4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints .....	3.16	
03 62 13 00-0014 LF 6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints .....	4.28	
03 62 13 00-0015 LF 8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints .....	5.67	
<b>03 62 16 Metallic Non-Shrink Grouting (03 62)</b>		
<b>03 62 16 00-0001 Metallic Non-Shrink Grouting For Bases (03 62 16)</b>		
03 62 16 00-0002 SF 1" Deep, Metallic Non-Shrink Grout For Bases .....	34.22	
03 62 16 00-0003 SF 2" Deep, Metallic Non-Shrink Grout For Bases .....	54.13	
<b>03 62 16 00-0004 Metallic Non-Shrink Grouting For Joints (03 62 16)</b>		
<b>03 62 16 00-0005 1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints (03 62 16 00-0004)</b>		
03 62 16 00-0006 LF 4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints .....	1.58	
03 62 16 00-0007 LF 6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints .....	2.01	
03 62 16 00-0008 LF 8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints .....	2.68	
<b>03 62 16 00-0009 1" Joint Thickness, Metallic Non-Shrink Grout For Joints (03 62 16 00-0004)</b>		
03 62 16 00-0010 LF 4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints .....	2.19	
03 62 16 00-0011 LF 6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints .....	2.78	
03 62 16 00-0012 LF 8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints .....	3.71	
<b>03 64 Injection Grouting (03 60)</b>		
Note: By volume of void filled. Includes injection ports.		
<b>03 64 23 Epoxy Injection Grouting (03 64)</b>		
<b>03 64 23 00-0001 Pressure Injected Epoxy Grout (03 64 23)</b>		
03 64 23 00-0002 CF Pressure Injected Epoxy Grout .....	1,100.27	
For >4, Deduct	-116.11	
<b>03 64 26 Cementitious Injection Grouting (03 64)</b>		
<b>03 64 26 00-0001 Pressure Injected Cementitious Grout (03 64 26)</b>		
03 64 26 00-0002 CF Pressure Injected Cementitious Grout .....	191.24	
For >4, Deduct	-48.68	

**END OF SECTION 03**



<b>Openings</b>	<b>08</b>	<b>08</b>
Common Work Results for Openings	08 05	
Door Options and Modifications	08 05 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 08 Openings

### 08 05 Common Work Results for Openings (08)

#### 08 05 13 Door Options and Modifications (08 05)

Note: Excludes removal and reinstallation of door.

#### 08 05 13 00-0001 Door Modifications (08 05 13)

08 05 13 00-0002	EA	Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile .....	105.41
		Note: Excludes removal and reinstallation of door.	
08 05 13 00-0003	EA	Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile .....	53.06
		Note: Excludes removal and reinstallation of door.	
08 05 13 00-0004	EA	Removal And Reinstallation Of Door .....	99.55
08 05 13 00-0005	EA	Removal And Reinstallation Of Metal Door Frame .....	195.20
08 05 13 00-0006	EA	Removal And Reinstallation Of Wood Door Frame.....	117.92

**END OF SECTION 08**

**08 Openings**

08 05 Common Work Results for Openings

08 05 13 Door Options and Modifications



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

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<b>Finishes</b>	<b>09</b>	
Maintenance of Finishes	09 01	09
Maintenance of Plaster and Gypsum Board	09 01 20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 09 Finishes

### 09 01 Maintenance of Finishes (09)

#### 09 01 20 Maintenance of Plaster and Gypsum Board (09 01)

##### 09 01 20 91 Plaster Restoration (09 01 20)

09 01 20 91-0001	SF	Cut And Patch Hole In Gypsum Board To Match Existing <small>(09 01 20 91)</small> Note: Includes cutting of existing gypsum board, cutting new board to fit opening, taping, gypsum board finishing, and disposal of debris into dumpster. Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 32 SF.	
09 01 20 91-0002	SF	Up To 2 SF, Cut And Patch Hole In Gypsum Board To Match Existing ..... Note: Per location.	20.35
09 01 20 91-0003	SF	>2 To 4 SF, Cut And Patch Hole In Gypsum Board To Match Existing ..... Note: Per location.	16.39
09 01 20 91-0004	SF	>4 To 8 SF, Cut And Patch Hole In Gypsum Board To Match Existing ..... Note: Per location.	14.70
09 01 20 91-0005	SF	>8 To 16 SF, Cut And Patch Hole In Gypsum Board To Match Existing ..... Note: Per location.	12.93
09 01 20 91-0006	SF	>16 To 32 SF, Cut And Patch Hole In Gypsum Board To Match Existing ..... Note: Per location. See CSI section 09 29 10 00-0001 for "Gypsum Board" repairs > 32 SF.	11.56
09 01 20 91-0007		Patch/Finish Gypsum Board To Match Existing <small>(09 01 20 91)</small> Note: Includes taping, gypsum board finishing. Per location. See CSI section 09 01 20 91-0001 for patching walls requiring gypsum board to be cut and installed.	
09 01 20 91-0008	EA	Tape, Spackle And Finish Gypsum Board To Patch/Finish Small Diameter Holes Or Screw Head Pops ..... <i>For ASTM C840 Level 1 Finish, Deduct</i> ..... <i>For ASTM C840 Level 2 Finish, Deduct</i> ..... <i>For ASTM C840 Level 3 Finish, Deduct</i> ..... <i>For ASTM C840 Level 5 High Quality Finish, Add</i> .....	1.95 -0.95 -0.48 -0.19 1.45
09 01 20 91-0009		Plaster/Stucco Repair <small>(09 01 20 91)</small> Note: Per location.	
09 01 20 91-0010		Clean And Repair Crack In Plaster/Stucco <small>(09 01 20 91-0009)</small> Note: Includes plaster weld.	
09 01 20 91-0011	LF	Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco .....	20.00
09 01 20 91-0012	LF	>10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco .....	16.04
09 01 20 91-0013	LF	>50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco .....	13.08
09 01 20 91-0014	LF	>100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco .....	10.11
09 01 20 91-0015	LF	>250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco .....	8.14
09 01 20 91-0016	LF	>500', Chip, Clean And Repair Crack In Plaster/Stucco .....	6.15
09 01 20 91-0017		Cut And Patch Hole In Plaster/Stucco To Match Existing <small>(09 01 20 91-0009)</small> Note: Includes plaster weld.	
09 01 20 91-0018	SF	Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing .....	18.94
09 01 20 91-0019	SF	>10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing .....	16.74
09 01 20 91-0020	SF	>50 To 100 SF, Cut And Patch Hole In Plaster To Match Existing .....	15.40
09 01 20 91-0021	SF	>100 To 250 SF, Cut And Patch Hole In Plaster To Match Existing .....	14.29
09 01 20 91-0022	SF	>250 To 500 SF, Cut And Patch Hole In Plaster To Match Existing .....	13.33
09 01 20 91-0023	SF	>500 SF, Cut And Patch Hole In Plaster To Match Existing .....	12.26
09 01 20 91-0024		Chip, Clean And Repair Plaster/Stucco <small>(09 01 20 91-0009)</small> Note: Includes plaster weld.	
09 01 20 91-0025	SF	Up To 10 SF, Chip, Clean And Repair Plaster/Stucco .....	35.89
09 01 20 91-0026	SF	>10 To 50 SF, Chip, Clean And Repair Plaster/Stucco .....	25.99
09 01 20 91-0027	SF	>50 To 250 SF, Chip, Clean And Repair Plaster/Stucco .....	19.08
09 01 20 91-0028	SF	>250 SF, Chip, Clean And Repair Plaster/Stucco .....	15.12

#### 09 01 30 Maintenance of Tiling (09 01)

##### 09 01 30 91 Tile Restoration (09 01 30)

09 01 30 91-0001	SF	RegROUT Floor Tile Including Removal Of Loose Grout .....	7.59
09 01 30 91-0002	SF	RegROUT Wall Tile Including Removal Of Loose Grout .....	9.46
09 01 30 91-0003	SF	Up To 1 SF, Cut And Patch Hole In Wall Tile To Match Existing .....	50.92
		Note: Per location.	

#### 09 01 60 Maintenance of Flooring (09 01)

##### 09 01 60 91 Flooring Restoration (09 01 60)

09 01 60 91-0001	CSF	Grinding, Polishing And Sealing Terrazzo <small>(09 01 60 91)</small>	
09 01 60 91-0002	CSF	Grinding, Polishing And Sealing Existing Terrazzo .....	321.66

**09 Finishes****09 01 Maintenance of Finishes****09 01 60 Maintenance of Flooring**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 60 91-0003	SF		Removal Of Setting Bed And Clean Area For Terrazzo Repair .....	4.75	
09 01 60 91-0004	SF		Repair Existing Terrazzo.....	24.95	
09 01 60 91-0005	LF		Repair Cracks In Existing Terrazzo.....	5.15	
<b>09 01 60 91-0006</b>			<b>Standard Flooring Maintenance (09 01 60 91)</b>		
09 01 60 91-0007	CSF		Steam Clean Carpet .....	40.36	
09 01 60 91-0008	CSF		Wax And Polish Tile And VCT Flooring .....	44.32	
			For Additional Coat, Add .....	37.04	
			For Stripping Existing Wax From Floor, Add .....	42.17	
09 01 60 91-0009	CSF		Wax And Polish Wood Flooring .....	26.81	
			For Additional Coat, Add .....	23.57	
			For Stripping Existing Wax From Floor, Add .....	42.17	
09 01 60 91-0010	MSF		Vacuum Floors.....	22.50	
<b>09 01 60 91-0011</b>			<b>Prepare Existing Concrete Floor Prior To Installation Of Flooring (09 01 60 91)</b>		
09 01 60 91-0012	SY		Grinding Of Existing Concrete Floor Prior To Installation Of Flooring.....	9.50	
09 01 60 91-0013	SY		Chemical Prepare Existing Concrete Floor Prior To Installation Of Flooring.....	7.63	
<b>09 01 60 91-0014</b>			<b>Floor Sealants (09 01 60 91)</b>		
09 01 60 91-0015	SF		Water-Based Emulsion, Masonry/Tile/Stone/Terrazzo Floor Sealant/Finish, Per Coat.....	1.36	
			Note: For terrazzo, concrete, quarry tile, brick and unglazed ceramic tile.		
09 01 60 91-0016	SF		Water-Based, Clear Acrylic, Concrete Floor Sealant/Finish, Per Coat.....	1.47	
			Note: For interior/exterior concrete surfaces.		
09 01 60 91-0017	SF		Fluorochemical Acrylate Copolymer Masonry/Tile/Stone/Terrazzo Floor Sealant .....	1.48	
09 01 60 91-0018	GAL		Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner).....	31.86	
<b>09 01 80 Maintenance of Acoustic Treatment (09 01)</b>					
<b>09 01 80 00-0001</b>			<b>Removal Of Acoustical Ceiling Treatment (09 01 80)</b>		
09 01 80 00-0002	SF		Removal Of Acoustical And Popcorn Ceilings Treatment .....	2.51	
<b>09 01 90 Maintenance of Painting and Coating (09 01)</b>					
<b>09 01 90 52 Maintenance Repainting (09 01 90)</b>					
<b>09 01 90 52-0001</b>			<b>Cleaning And Preparation Of Painted And Unpainted Surfaces (09 01 90 52)</b>		
			Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Sand blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment.		
<b>09 01 90 52-0002</b>			<b>Concrete And Masonry Surfaces, Surface Preparation (09 01 90 52-0001)</b>		
09 01 90 52-0003	SF		Trisodium Phosphate (TSP), Clean Concrete Or Masonry Surfaces, Surface Preparation .....	0.52	
			For Up To 100, Add .....	0.38	
			For >100 To 250, Add .....	0.18	
			For >250 To 500, Add .....	0.08	
			For >5,000 To 10,000, Deduct .....	-0.03	
			For >10,000 To 15,000, Deduct .....	-0.05	
			For >15,000 To 30,000, Deduct .....	-0.08	
			For >30,000, Deduct .....	-0.10	
09 01 90 52-0004	SF		Calcimine Removal/Washing, Concrete And Masonry Surfaces, Surface Preparation.....	0.51	
			For Up To 100, Add .....	0.86	
			For >100 To 250, Add .....	0.22	
			For >250 To 500, Add .....	0.11	
			For >5,000 To 10,000, Deduct .....	-0.02	
			For >10,000 To 15,000, Deduct .....	-0.05	
			For >15,000 To 30,000, Deduct .....	-0.07	
			For >30,000, Deduct .....	-0.10	
09 01 90 52-0005	SF		Chemical Clean, Brush And Wash, Concrete And Masonry Surfaces, Surface Preparation .....	0.80	
			For Up To 100, Add .....	1.32	
			For >100 To 250, Add .....	0.33	
			For >250 To 500, Add .....	0.17	
			For >5,000 To 10,000, Deduct .....	-0.04	
			For >10,000 To 15,000, Deduct .....	-0.07	
			For >15,000 To 30,000, Deduct .....	-0.12	
			For >30,000, Deduct .....	-0.15	
09 01 90 52-0006	SF		Hand Scrape, Concrete And Masonry Surfaces, Surface Preparation.....	0.70	
			For Up To 100, Add .....	1.40	
			For >100 To 250, Add .....	0.35	
			For >250 To 500, Add .....	0.18	
			For >5,000 To 10,000, Deduct .....	-0.04	
			For >10,000 To 15,000, Deduct .....	-0.07	
			For >15,000 To 30,000, Deduct .....	-0.11	
			For >30,000, Deduct .....	-0.14	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0007 SF Steam Clean, Concrete And Masonry Surfaces, Surface Preparation.....	0.73	
<i>For Up To 100, Add</i>	1.22	
<i>For &gt;100 To 250, Add</i>	0.31	
<i>For &gt;250 To 500, Add</i>	0.15	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.07	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.11	
<i>For &gt;30,000, Deduct</i>	-0.14	
09 01 90 52-0008 SF Up To 5,000 PSI Pressure Wash, Concrete And Masonry Surfaces, Surface Preparation .....	0.47	
<i>For Up To 100, Add</i>	0.72	
<i>For &gt;100 To 250, Add</i>	0.18	
<i>For &gt;250 To 500, Add</i>	0.09	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.02	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.04	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.07	
<i>For &gt;30,000, Deduct</i>	-0.09	
09 01 90 52-0009 SF 10,000 To 12,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation .....	1.32	
<i>For Up To 100, Add</i>	2.32	
<i>For &gt;100 To 250, Add</i>	0.58	
<i>For &gt;250 To 500, Add</i>	0.29	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.13	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.19	
<i>For &gt;30,000, Deduct</i>	-0.26	
09 01 90 52-0010 SF 30,000 To 40,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation .....	2.18	
<i>For Up To 100, Add</i>	4.04	
<i>For &gt;100 To 250, Add</i>	1.01	
<i>For &gt;250 To 500, Add</i>	0.51	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.21	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.32	
<i>For &gt;30,000, Deduct</i>	-0.43	
09 01 90 52-0011 SF Sand Blasting, Concrete And Masonry Surfaces, Surface Preparation .....	3.23	
Note: 3 lbs of sand per SF		
<i>For 4.5 lbs Of Sand per SF, Where Multiple Pass Is Required, Add</i>	1.88	
<i>For 6 lbs Of Sand per SF, Where Multiple Pass Is Required, Add</i>	3.90	
<i>For 9 lbs Of Sand per SF, Where Multiple Pass Is Required, Add</i>	6.46	
<i>For Up To 100, Add</i>	5.32	
<i>For &gt;100 To 250, Add</i>	1.33	
<i>For &gt;250 To 500, Add</i>	0.67	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.15	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.30	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.47	
<i>For &gt;30,000, Deduct</i>	-0.62	
<b>09 01 90 52-0012 Drywall Surfaces, Surface Preparation</b> <small>(09 01 90 52-0001)</small>		
See CSI section 09 01 20 91-0007 for Patch holes other than nail/screw holes and greater than 1/2" diameter.		
09 01 90 52-0013 SF Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping), Surface Preparation .....	0.40	
<i>For Up To 100, Add</i>	0.80	
<i>For &gt;100 To 250, Add</i>	0.20	
<i>For &gt;250 To 500, Add</i>	0.10	
09 01 90 52-0014 SF Hand Wash, Minor Repair And Light Sanding Drywall Surfaces, Surface Preparation.....	0.67	
<i>For Up To 100, Add</i>	1.34	
<i>For &gt;100 To 250, Add</i>	0.34	
<i>For &gt;250 To 500, Add</i>	0.17	
09 01 90 52-0015 SF Scrape, Repair And Sand Severely Damaged Drywall Surfaces, Surface Preparation .....	1.24	
<i>For Up To 100, Add</i>	2.36	
<i>For &gt;100 To 250, Add</i>	0.59	
<i>For &gt;250 To 500, Add</i>	0.30	
<b>09 01 90 52-0016 Metal Surfaces, Surface Preparation</b> <small>(09 01 90 52-0001)</small>		
09 01 90 52-0017 SF Trisodium Phosphate (TSP), Clean Metal Surfaces, Surface Preparation.....	0.50	
<i>For Up To 100, Add</i>	0.36	
<i>For &gt;100 To 250, Add</i>	0.17	
<i>For &gt;250 To 500, Add</i>	0.07	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.02	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.05	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.07	
<i>For &gt;30,000, Deduct</i>	-0.10	
09 01 90 52-0018 SF Chemical Clean, Brush And Wash, Metal Surfaces, Surface Preparation .....	0.80	
<i>For Up To 100, Add</i>	0.50	
<i>For &gt;100 To 250, Add</i>	0.23	
<i>For &gt;250 To 500, Add</i>	0.10	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.04	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.07	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.12	
<i>For &gt;30,000, Deduct</i>	-0.15	

## 09 Finishes

## 09 01 Maintenance of Finishes

## 09 01 90 Maintenance of Painting and Coating



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0019	SF		Hand Scraping And Sanding, Metal Surfaces, Surface Preparation .....	0.70	
			For Up To 100, Add	0.53	
			For >100 To 250, Add	0.25	
			For >250 To 500, Add	0.11	
			For >5,000 To 10,000, Deduct	-0.04	
			For >10,000 To 15,000, Deduct	-0.07	
			For >15,000 To 30,000, Deduct	-0.11	
			For >30,000, Deduct	-0.14	
09 01 90 52-0020	SF		Up To 5,000 PSI Pressure Wash, Metal Surfaces, Surface Preparation .....	0.45	
			For Up To 100, Add	0.27	
			For >100 To 250, Add	0.13	
			For >250 To 500, Add	0.05	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 15,000, Deduct	-0.04	
			For >15,000 To 30,000, Deduct	-0.06	
			For >30,000, Deduct	-0.09	
09 01 90 52-0021	SF		Power Tool Cleaning, Metal Surfaces, Surface Preparation .....	1.25	
			For Up To 100, Add	0.94	
			For >100 To 250, Add	0.44	
			For >250 To 500, Add	0.19	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 15,000, Deduct	-0.13	
			For >15,000 To 30,000, Deduct	-0.19	
			For >30,000, Deduct	-0.25	
09 01 90 52-0022	SF		Steam Cleaning, Metal Surfaces, Surface Preparation.....	0.45	
			For Up To 100, Add	0.25	
			For >100 To 250, Add	0.12	
			For >250 To 500, Add	0.05	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 15,000, Deduct	-0.04	
			For >15,000 To 30,000, Deduct	-0.06	
			For >30,000, Deduct	-0.08	
09 01 90 52-0023	SF		Loose Mill Scale With Fine Powder, Commercial Blast, Metal Surfaces, Surface Preparation .....	0.99	
			For Up To 100, Add	0.62	
			For >100 To 250, Add	0.29	
			For >250 To 500, Add	0.12	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000 To 15,000, Deduct	-0.09	
			For >15,000 To 30,000, Deduct	-0.14	
			For >30,000, Deduct	-0.19	
09 01 90 52-0024	SF		Tight Mill Scale With Fine Powder Rust, Commercial Blast, Metal Surfaces, Surface Preparation .....	1.35	
			For Up To 100, Add	0.83	
			For >100 To 250, Add	0.39	
			For >250 To 500, Add	0.17	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 15,000, Deduct	-0.13	
			For >15,000 To 30,000, Deduct	-0.20	
			For >30,000, Deduct	-0.26	
09 01 90 52-0025	SF		Exterior Coating Blistered Pitted, Rust, Commercial Blast, Metal Surfaces, Surface Preparation .....	1.97	
			For Up To 100, Add	1.23	
			For >100 To 250, Add	0.57	
			For >250 To 500, Add	0.25	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 15,000, Deduct	-0.18	
			For >15,000 To 30,000, Deduct	-0.29	
			For >30,000, Deduct	-0.38	
09 01 90 52-0026	SF		Badly Pitted With Rust Nodules, Commercial Blast, Metal Surfaces, Surface Preparation.....	3.29	
			For Up To 100, Add	2.05	
			For >100 To 250, Add	0.96	
			For >250 To 500, Add	0.41	
			For >5,000 To 10,000, Deduct	-0.15	
			For >10,000 To 15,000, Deduct	-0.31	
			For >15,000 To 30,000, Deduct	-0.48	
			For >30,000, Deduct	-0.63	
09 01 90 52-0027	SF		Loose Mill Scale With Fine Powder Rust, Near White Blast, Metal Surfaces, Surface Preparation .....	2.51	
			For Up To 100, Add	1.54	
			For >100 To 250, Add	0.72	
			For >250 To 500, Add	0.31	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 15,000, Deduct	-0.23	
			For >15,000 To 30,000, Deduct	-0.36	
			For >30,000, Deduct	-0.48	
09 01 90 52-0028	SF		Tight Mill Scale Little Rust, Near White Blast, Metal Surfaces, Surface Preparation .....	3.09	
			For Up To 100, Add	1.88	
			For >100 To 250, Add	0.88	
			For >250 To 500, Add	0.38	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 15,000, Deduct	-0.29	
			For >15,000 To 30,000, Deduct	-0.45	
			For >30,000, Deduct	-0.59	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0029 SF Exterior Coat Blistered Pitted Rust, Near White Blast, Metal Surfaces, Surface Preparation .....	4.02	
For Up To 100, Add	2.46	
For >100 To 250, Add	1.15	
For >250 To 500, Add	0.49	
For >5,000 To 10,000, Deduct	-0.19	
For >10,000 To 15,000, Deduct	-0.37	
For >15,000 To 30,000, Deduct	-0.58	
For >30,000, Deduct	-0.77	
09 01 90 52-0030 SF Badly Pitted Rust Nodules, Near White Blast, Metal Surfaces, Surface Preparation .....	5.03	
For Up To 100, Add	3.08	
For >100 To 250, Add	1.44	
For >250 To 500, Add	0.62	
For >5,000 To 10,000, Deduct	-0.23	
For >10,000 To 15,000, Deduct	-0.47	
For >15,000 To 30,000, Deduct	-0.73	
For >30,000, Deduct	-0.96	
<b>09 01 90 52-0031 Tile Surfaces, Surface Preparation (09 01 90 52-0001)</b>		
09 01 90 52-0032 SF Trisodium Phosphate (TSP), Clean Tile Surfaces, Surface Preparation .....	0.45	
For Up To 100, Add	0.32	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.04	
For >15,000 To 30,000, Deduct	-0.07	
For >30,000, Deduct	-0.09	
09 01 90 52-0033 CSF Chemical Alkaline Cleaner, Brush And Wash Tile Surfaces, Surface Preparation .....	44.64	
For Up To 100, Add	33.26	
For >100 To 250, Add	15.52	
For >250 To 500, Add	6.65	
For >5,000 To 10,000, Deduct	-2.23	
For >10,000 To 15,000, Deduct	-4.45	
For >15,000 To 30,000, Deduct	-6.69	
For >30,000, Deduct	-8.91	
09 01 90 52-0034 SF Up To 5,000 PSI, Pressure Wash Tile Surfaces, Surface Preparation .....	0.32	
For Up To 100, Add	0.20	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.03	
For >15,000 To 30,000, Deduct	-0.05	
For >30,000, Deduct	-0.06	
<b>09 01 90 52-0035 Wood Surfaces, Surface Preparation (09 01 90 52-0001)</b>		
09 01 90 52-0036 SF Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening .....	1.54	
For Up To 100, Add	1.10	
For >100 To 250, Add	0.51	
For >250 To 500, Add	0.22	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 15,000, Deduct	-0.15	
For >15,000 To 30,000, Deduct	-0.23	
For >30,000, Deduct	-0.30	
09 01 90 52-0037 SF Trisodium Phosphate (TSP), Clean Wood Surfaces, Surface Preparation .....	0.47	
For Up To 100, Add	0.34	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.05	
For >15,000 To 30,000, Deduct	-0.07	
For >30,000, Deduct	-0.09	
09 01 90 52-0038 SF Chemical Clean, Brush And Wash Wood Surfaces, Surface Preparation .....	0.66	
For Up To 100, Add	0.39	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 15,000, Deduct	-0.06	
For >15,000 To 30,000, Deduct	-0.09	
For >30,000, Deduct	-0.13	
09 01 90 52-0039 SF Hand Scrape Wood Surfaces, Surface Preparation .....	0.76	
For Up To 100, Add	0.57	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.11	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 15,000, Deduct	-0.08	
For >15,000 To 30,000, Deduct	-0.11	
For >30,000, Deduct	-0.15	
09 01 90 52-0040 SF Steam Clean Wood Surfaces, Surface Preparation .....	0.71	
For Up To 100, Add	0.44	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 15,000, Deduct	-0.07	
For >15,000 To 30,000, Deduct	-0.10	
For >30,000, Deduct	-0.14	

**09 Finishes****09 01 Maintenance of Finishes****09 01 90 Maintenance of Painting and Coating**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0041 SF Up To 5,000 PSI, Pressure Wash Wood Surfaces, Surface Preparation.....	0.49	
For Up To 100, Add	0.30	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.05	
For >15,000 To 30,000, Deduct	-0.07	
For >30,000, Deduct	-0.09	
09 01 90 52-0042 SF Sanding Wood Paneling, Boards, Doors Or Other Wood Surfaces, Surface Preparation.....	0.92	
For Up To 100, Add	0.65	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 15,000, Deduct	-0.09	
For >15,000 To 30,000, Deduct	-0.14	
For >30,000, Deduct	-0.18	
09 01 90 52-0043 SF Sanding Wood Trim Surfaces, Surface Preparation .....	1.24	
For Up To 100, Add	0.89	
For >100 To 250, Add	0.41	
For >250 To 500, Add	0.18	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 15,000, Deduct	-0.12	
For >15,000 To 30,000, Deduct	-0.18	
For >30,000, Deduct	-0.25	
09 01 90 52-0044 SF Prime Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation.....	0.81	
For Up To 100, Add	0.53	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 15,000, Deduct	-0.08	
For >15,000 To 30,000, Deduct	-0.12	
For >30,000, Deduct	-0.16	
09 01 90 52-0045 SF Paint Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation.....	0.94	
For Up To 100, Add	0.62	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.12	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 15,000, Deduct	-0.09	
For >15,000 To 30,000, Deduct	-0.14	
For >30,000, Deduct	-0.18	
<b>09 01 90 52-0046 Vinyl Siding Surfaces, Surface Preparation (09 01 90 52-0001)</b>		
09 01 90 52-0047 SF Trisodium Phosphate (TSP), Clean, Vinyl Siding Surfaces, Surface Preparation.....	0.45	
For Up To 100, Add	0.32	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.04	
For >15,000 To 30,000, Deduct	-0.07	
For >30,000, Deduct	-0.09	
09 01 90 52-0048 SF Hand Wash, Vinyl Siding Surfaces, Surface Preparation.....	0.70	
For Up To 100, Add	0.50	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 15,000, Deduct	-0.07	
For >15,000 To 30,000, Deduct	-0.10	
For >30,000, Deduct	-0.14	
09 01 90 52-0049 SF Up To 5,000 PSI Pressure Wash, Vinyl Siding Surfaces, Surface Preparation .....	0.41	
For Up To 100, Add	0.23	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.04	
For >15,000 To 30,000, Deduct	-0.06	
For >30,000, Deduct	-0.08	
09 01 90 52-0050 SF Steam Clean, Vinyl Siding Surfaces, Surface Preparation.....	0.75	
For Up To 100, Add	0.44	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 15,000, Deduct	-0.07	
For >15,000 To 30,000, Deduct	-0.11	
For >30,000, Deduct	-0.14	

**09 01 90 52-0051 Plaster/Stucco Surfaces, Surface Preparation (09 01 90 52-0001)**

Note: Based on total project quantity.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0052 SF Trisodium Phosphate (TSP), Clean Plaster/Stucco Surfaces, Surface Preparation .....	0.52	
<i>For Up To 100, Add</i>	0.38	
<i>For &gt;100 To 250, Add</i>	0.18	
<i>For &gt;250 To 500, Add</i>	0.08	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.05	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.08	
<i>For &gt;30,000, Deduct</i>	-0.10	
09 01 90 52-0053 SF Up To 5,000 PSI Pressure Wash Plaster/Stucco Surfaces, Surface Preparation.....	0.53	
<i>For Up To 100, Add</i>	0.32	
<i>For &gt;100 To 250, Add</i>	0.15	
<i>For &gt;250 To 500, Add</i>	0.06	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.02	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.05	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.08	
<i>For &gt;30,000, Deduct</i>	-0.10	
<b>09 01 90 52-0054 Prep Work</b> <small>(09 01 90 52-0001)</small>		
09 01 90 52-0055 SF Citrus Strip, Single Applications.....	1.19	
Note: For removal of dried latex and oil-based paint, varnish, lacquer, polyurethane and shellac from wood, metal, and masonry surfaces. Multiple coats may be necessary, refer to manufacturer recommendations		
<b>09 01 90 52-0056 Corrosive Inhibitor Sealant For Concrete</b> <small>(09 01 90 52-0001)</small>		
09 01 90 52-0057 SF Corrosive Inhibitor Sealant For Concrete.....	0.77	
<i>For Up To 100, Add</i>	0.40	
<i>For &gt;100 To 250, Add</i>	0.20	
<i>For &gt;250 To 500, Add</i>	0.09	
<b>09 01 90 61 Repainting</b> <small>(09 01 90)</small>		
09 01 90 61-0001 Touchup and "Spot" Painting Of Surfaces <small>(09 01 90 61)</small>		
Note: For use on individual areas less than 10 SF.		
09 01 90 61-0002 SF "Spot" Paint Surfaces, Per Coat .....	1.53	
<b>09 01 90 91 Paint Restoration</b> <small>(09 01 90)</small>		
09 01 90 91-0001 Paint Removal, Strip To Bare Wood <small>(09 01 90 91)</small>		
09 01 90 91-0002 SF Flat Surfaces, Paint Removal, Strip To Bare Wood.....	8.14	
09 01 90 91-0003 SF Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood.....	8.67	
<b>09 05 Common Work Results for Finishes</b> <small>(09)</small>		
<b>09 05 61 Common Work Results for Flooring Preparation</b> <small>(09 05)</small>		
<b>09 05 61 13 Moisture Vapor Emission Control</b> <small>(09 05 61)</small>		
09 05 61 13-0001 Moisture Vapor Reduction System (Koester VAP) <small>(09 05 61 13)</small>		
09 05 61 13-0002 EA Up To 200 SF, Water Vapor Emission Control System (Koester VAP 1-2000) .....	2,614.99	
Note: Clear		
09 05 61 13-0003 SF >200 To 500 SF, Water Vapor Emission Control System (Koester VAP 1-2001).....	13.84	
Note: Clear		
09 05 61 13-0004 SF >500 To 1,000 SF, Water Vapor Emission Control System (Koester VAP 1-2002).....	9.23	
Note: Clear		
09 05 61 13-0005 SF >1,000 To 3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2003).....	7.69	
Note: Clear		
09 05 61 13-0006 SF >3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2004).....	6.15	
Note: Clear		
09 05 61 13-0007 Moisture Vapor Transmission Control (Dependable Cutdown® II) <small>(09 05 61 13)</small>		
09 05 61 13-0008 SF 8# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II) .....	4.22	
09 05 61 13-0009 SF 15# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II) .....	5.69	
<b>09 05 71 Acoustic Underlayment</b> <small>(09 05)</small>		
09 05 71 00-0001 Tile And Stone Acoustical Underlayment <small>(09 05 71)</small>		
09 05 71 00-0002 SF 5 Mil Tile And Stone Acoustical Underlayment (EasyMat).....	3.84	
<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	0.41	
09 05 71 00-0003 Resilient Floor Acoustical Underlayment <small>(09 05 71)</small>		
09 05 71 00-0004 SF Vinyl, Linoleum, LVT And Vinyl Strip Flooring Acoustical Underlayment (Impacta, Soundseal VC300) .....	2.94	
09 05 71 00-0005 SF 2 MM Thick Resilient Plank Floor Acoustical Underlayment (Floormuffer) .....	1.77	
09 05 71 00-0006 SF 0.055" Thick High Density Polyurethane Foam Floor Acoustical Underlayment (Silencer LVT).....	2.16	



MINOR  
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

09 20 Plaster and Gypsum Board <sup>(09)</sup>

09 22 Supports for Plaster and Gypsum Board <sup>(09 20)</sup>

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 22 13 Metal Furring <sup>(09 22)</sup>

09 22 13 13 Metal Channel Furring <sup>(09 22 13)</sup>

09 22 13 13-0001 Hat Furring Channel <sup>(09 22 13 13)</sup>  
 Note: Includes clips where required.

09 22 13 13-0002 Installed On Walls, Hat Furring Channel <sup>(09 22 13 13-0001)</sup>

09 22 13 13-0003	SF	7/8", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel .....	4.42	1.78
		<i>For Walls &gt;10' High, Add</i>	0.53	
		<i>For 24" On Center, Deduct</i>	-0.53	
		<i>For 12" On Center, Add</i>	0.71	
		<i>For 22 Gauge, Add</i>	0.70	
		<i>For 20 Gauge, Add</i>	1.11	
09 22 13 13-0004	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel .....	4.77	1.78
		<i>For Walls &gt;10' High, Add</i>	0.53	
		<i>For 24" On Center, Deduct</i>	-0.60	
		<i>For 12" On Center, Add</i>	0.78	
		<i>For 22 Gauge, Add</i>	0.88	
		<i>For 20 Gauge, Add</i>	1.34	

09 22 13 13-0005 Installed On Columns And Beams, Hat Furring Channel <sup>(09 22 13 13-0001)</sup>

09 22 13 13-0006	SF	7/8", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel .....	6.35	2.73
		<i>For Columns And Beams &gt;10' High, Add</i>	1.09	
		<i>For 24" On Center, Deduct</i>	-0.72	
		<i>For 12" On Center, Add</i>	1.00	
		<i>For 22 Gauge, Add</i>	0.85	
		<i>For 20 Gauge, Add</i>	1.40	
09 22 13 13-0007	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel .....	6.69	2.73
		<i>For Columns And Beams &gt;10' High, Add</i>	1.09	
		<i>For 24" On Center, Deduct</i>	-0.79	
		<i>For 12" On Center, Add</i>	1.06	
		<i>For 22 Gauge, Add</i>	1.02	
		<i>For 20 Gauge, Add</i>	1.63	

09 22 13 13-0008 Installed On Ceilings, Hat Furring Channel <sup>(09 22 13 13-0001)</sup>

09 22 13 13-0009	SF	7/8", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel .....	5.82	2.18
		<i>For Ceilings &gt;10' High, Add</i>	0.66	
		<i>For 24" On Center, Deduct</i>	-0.73	
		<i>For 12" On Center, Add</i>	0.95	
		<i>For 22 Gauge, Add</i>	1.05	
		<i>For 20 Gauge, Add</i>	1.61	
09 22 13 13-0010	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel .....	6.16	2.18
		<i>For Ceilings &gt;10' High, Add</i>	0.66	
		<i>For 24" On Center, Deduct</i>	-0.80	
		<i>For 12" On Center, Add</i>	1.01	
		<i>For 22 Gauge, Add</i>	1.22	
		<i>For 20 Gauge, Add</i>	1.84	

09 22 13 13-0011 Z Furring Channel <sup>(09 22 13 13)</sup>

09 22 13 13-0012 Installed On Walls, Z Furring Channel <sup>(09 22 13 13-0011)</sup>

09 22 13 13-0013	SF	1", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel .....	3.80	1.78
		<i>For Walls &gt;10' High, Add</i>	0.53	
		<i>For 24" On Center, Deduct</i>	-0.41	
		<i>For 12" On Center, Add</i>	0.58	
		<i>For 22 Gauge, Add</i>	0.39	
		<i>For 20 Gauge, Add</i>	0.70	
09 22 13 13-0014	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel .....	3.85	1.78
		<i>For Walls &gt;10' High, Add</i>	0.53	
		<i>For 24" On Center, Deduct</i>	-0.42	
		<i>For 12" On Center, Add</i>	0.59	
		<i>For 22 Gauge, Add</i>	0.42	
		<i>For 20 Gauge, Add</i>	0.73	
09 22 13 13-0015	SF	2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel .....	3.90	1.78
		<i>For Walls &gt;10' High, Add</i>	0.53	
		<i>For 24" On Center, Deduct</i>	-0.43	
		<i>For 12" On Center, Add</i>	0.60	
		<i>For 22 Gauge, Add</i>	0.44	
		<i>For 20 Gauge, Add</i>	0.76	
09 22 13 13-0016	SF	2-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel .....	3.93	1.78
		<i>For Walls &gt;10' High, Add</i>	0.53	
		<i>For 24" On Center, Deduct</i>	-0.43	
		<i>For 12" On Center, Add</i>	0.61	
		<i>For 22 Gauge, Add</i>	0.46	
		<i>For 20 Gauge, Add</i>	0.78	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Plaster and Gypsum Board	09 20	
Supports for Plaster and Gypsum Board	09 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 13 13-0017 SF 3", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel .....	3.97	1.78
For Walls >10' High, Add	0.53	
For 24" On Center, Deduct	-0.44	
For 12" On Center, Add	0.62	
For 22 Gauge, Add	0.48	
For 20 Gauge, Add	0.81	
<b>09 22 13 23 Resilient Channel Furring (09 22 13)</b>		
09 22 13 23-0001 Single-Leg Resilient Channel, RC1 Furring Channel (09 22 13 23)		
Note: Includes clips where required.		
09 22 13 23-0002 Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel (09 22 13 23-0001)		
09 22 13 23-0003 SF 25 Gauge, 16" On Center, Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel.....	4.09	1.78
For Walls >10' High, Add	0.53	
For 24" On Center, Deduct	-0.46	
For 12" On Center, Add	0.64	
For 20 Gauge, Add	0.89	
09 22 13 23-0004 Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel (09 22 13 23-0001)		
09 22 13 23-0005 SF 25 Gauge, 16" On Center, Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel.....	4.91	2.18
For Ceilings >10' High, Add	0.66	
For 24" On Center, Deduct	-0.55	
For 12" On Center, Add	0.76	
For 20 Gauge, Add	1.01	
09 22 13 23-0006 Double-Leg Resilient Channel, RC2 Furring Channel (09 22 13 23)		
Note: Includes clips where required.		
09 22 13 23-0007 Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel (09 22 13 23-0006)		
09 22 13 23-0008 SF 25 Gauge, 16" On Center, Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel .....	4.29	1.78
For Walls >10' High, Add	0.53	
For 24" On Center, Deduct	-0.50	
For 12" On Center, Add	0.68	
For 20 Gauge, Add	1.02	
09 22 13 23-0009 Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel (09 22 13 23-0006)		
09 22 13 23-0010 SF 25 Gauge, 16" On Center, Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel .....	5.11	2.18
For Ceilings >10' High, Add	0.66	
For 24" On Center, Deduct	-0.59	
For 12" On Center, Add	0.80	
For 20 Gauge, Add	1.14	
<b>09 22 16 Non-Structural Metal Framing (09 22)</b>		
Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.		
<b>09 22 16 13 Non-Structural Metal Stud Framing (09 22 16)</b>		
09 22 16 13-0001 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners (09 22 16 13)		
09 22 16 13-0002 SF 1-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	2.81	0.74
For Powder-Actuated Fasteners Every 2', Add	0.05	
For Walls >10' High, Add	0.56	
For Soffit, Columns Or Beams Up To 10' High, Add	1.76	
For Soffit, Columns Or Beams >10' High, Add	2.32	
For Horizontal Installation Up To 10' High, Add	0.56	
For Horizontal Installation >10' High, Add	0.74	
For Curved Wall, Add	0.56	
For 12" On Center, Add	0.47	
For 24" On Center, Deduct	-0.47	
For Up To 100, Add	0.93	
For >100 To 300, Add	0.47	
For >1,000, Deduct	-0.24	
09 22 16 13-0003 SF 2-1/2" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	2.97	0.77
For Powder-Actuated Fasteners Every 2', Add	0.05	
For Walls >10' High, Add	0.59	
For Soffit, Columns Or Beams Up To 10' High, Add	1.84	
For Soffit, Columns Or Beams >10' High, Add	2.42	
For Horizontal Installation Up To 10' High, Add	0.59	
For Horizontal Installation >10' High, Add	0.78	
For Curved Wall, Add	0.58	
For 12" On Center, Add	0.50	
For 24" On Center, Deduct	-0.50	
For Up To 100, Add	0.98	
For >100 To 300, Add	0.49	
For >1,000, Deduct	-0.25	

**09 Finishes**

**09 20 Plaster and Gypsum Board**

**09 22 Supports for Plaster and Gypsum Board**



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
09 22 16 13-0004	SF	3-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....		3.26	0.80
		<i>For Powder-Actuated Fasteners Every 2', Add</i>		0.05	
		<i>For Walls &gt;10' High, Add</i>		0.65	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		1.95	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>		2.56	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.63	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.83	
		<i>For Curved Wall, Add</i>		0.61	
		<i>For 12" On Center, Add</i>		0.55	
		<i>For 24" On Center, Deduct</i>		-0.55	
		<i>For Up To 100, Add</i>		1.06	
		<i>For &gt;100 To 300, Add</i>		0.53	
		<i>For &gt;1,000, Deduct</i>		-0.29	
09 22 16 13-0005	SF	4" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....		3.49	0.85
		<i>For Powder-Actuated Fasteners Every 2', Add</i>		0.05	
		<i>For Walls &gt;10' High, Add</i>		0.70	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		2.05	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>		2.69	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.67	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.88	
		<i>For Curved Wall, Add</i>		0.64	
		<i>For 12" On Center, Add</i>		0.59	
		<i>For 24" On Center, Deduct</i>		-0.59	
		<i>For Up To 100, Add</i>		1.12	
		<i>For &gt;100 To 300, Add</i>		0.56	
		<i>For &gt;1,000, Deduct</i>		-0.31	
09 22 16 13-0006	SF	6" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....		3.90	0.89
		<i>For Powder-Actuated Fasteners Every 2', Add</i>		0.05	
		<i>For Walls &gt;10' High, Add</i>		0.78	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		2.18	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>		2.85	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.73	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.95	
		<i>For Curved Wall, Add</i>		0.67	
		<i>For 12" On Center, Add</i>		0.67	
		<i>For 24" On Center, Deduct</i>		-0.67	
		<i>For Up To 100, Add</i>		1.23	
		<i>For &gt;100 To 300, Add</i>		0.61	
		<i>For &gt;1,000, Deduct</i>		-0.36	
09 22 16 13-0007		<b>20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners</b> <small>(09 22 16 13)</small>			
09 22 16 13-0008	SF	1-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....		3.17	0.75
		<i>For Powder-Actuated Fasteners Every 2', Add</i>		0.05	
		<i>For Walls &gt;10' High, Add</i>		0.63	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		1.83	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>		2.40	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.60	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.79	
		<i>For Curved Wall, Add</i>		0.57	
		<i>For 12" On Center, Add</i>		0.54	
		<i>For 24" On Center, Deduct</i>		-0.54	
		<i>For Up To 100, Add</i>		1.01	
		<i>For &gt;100 To 300, Add</i>		0.51	
		<i>For &gt;1,000, Deduct</i>		-0.29	
09 22 16 13-0009	SF	2-1/2" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....		3.49	0.79
		<i>For Powder-Actuated Fasteners Every 2', Add</i>		0.05	
		<i>For Walls &gt;10' High, Add</i>		0.70	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		1.94	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>		2.54	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.65	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.85	
		<i>For Curved Wall, Add</i>		0.60	
		<i>For 12" On Center, Add</i>		0.60	
		<i>For 24" On Center, Deduct</i>		-0.60	
		<i>For Up To 100, Add</i>		1.10	
		<i>For &gt;100 To 300, Add</i>		0.55	
		<i>For &gt;1,000, Deduct</i>		-0.32	





<b>Finishes</b>	<b>09</b>	<b>2</b>
Plaster and Gypsum Board	09 20	
Supports for Plaster and Gypsum Board	09 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0010 SF 3-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.86	0.83
For Powder-Actuated Fasteners Every 2', Add	0.05	
For Walls >10' High, Add	0.77	
For Soffit, Columns Or Beams Up To 10' High, Add	2.06	
For Soffit, Columns Or Beams >10' High, Add	2.69	
For Horizontal Installation Up To 10' High, Add	0.70	
For Horizontal Installation >10' High, Add	0.91	
For Curved Wall, Add	0.63	
For 12" On Center, Add	0.67	
For 24" On Center, Deduct	-0.67	
For Up To 100, Add	1.19	
For >100 To 300, Add	0.60	
For >1,000, Deduct	-0.37	
09 22 16 13-0011 SF 4" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Structural, Galvanized Steel Framing With Tracks And Runners.....	4.10	0.87
For Powder-Actuated Fasteners Every 2', Add	0.05	
For Walls >10' High, Add	0.82	
For Soffit, Columns Or Beams Up To 10' High, Add	2.15	
For Soffit, Columns Or Beams >10' High, Add	2.81	
For Horizontal Installation Up To 10' High, Add	0.74	
For Horizontal Installation >10' High, Add	0.96	
For Curved Wall, Add	0.65	
For 12" On Center, Add	0.71	
For 24" On Center, Deduct	-0.71	
For Up To 100, Add	1.26	
For >100 To 300, Add	0.63	
For >1,000, Deduct	-0.40	
09 22 16 13-0012 SF 6" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	5.73	0.91
For Powder-Actuated Fasteners Every 2', Add	0.05	
For Walls >10' High, Add	1.15	
For Soffit, Columns Or Beams Up To 10' High, Add	2.41	
For Soffit, Columns Or Beams >10' High, Add	3.09	
For Horizontal Installation Up To 10' High, Add	0.92	
For Horizontal Installation >10' High, Add	1.15	
For Curved Wall, Add	0.69	
For 12" On Center, Add	1.03	
For 24" On Center, Deduct	-1.03	
For Up To 100, Add	1.60	
For >100 To 300, Add	0.80	
For >1,000, Deduct	-0.63	
<b>09 22 16 13-0013 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners</b> (09 22 16 13)		
09 22 16 13-0014 SF 2-1/2" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	4.83	0.80
For Powder-Actuated Fasteners Every 2', Add	0.05	
For Walls >10' High, Add	0.97	
For Soffit, Columns Or Beams Up To 10' High, Add	2.11	
For Soffit, Columns Or Beams >10' High, Add	2.72	
For Horizontal Installation Up To 10' High, Add	0.79	
For Horizontal Installation >10' High, Add	0.99	
For Curved Wall, Add	0.61	
For 12" On Center, Add	0.86	
For 24" On Center, Deduct	-0.86	
For Up To 100, Add	1.37	
For >100 To 300, Add	0.69	
For >1,000, Deduct	-0.52	
09 22 16 13-0015 SF 3-5/8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	5.35	0.85
For Powder-Actuated Fasteners Every 2', Add	0.05	
For Walls >10' High, Add	1.07	
For Soffit, Columns Or Beams Up To 10' High, Add	2.25	
For Soffit, Columns Or Beams >10' High, Add	2.89	
For Horizontal Installation Up To 10' High, Add	0.86	
For Horizontal Installation >10' High, Add	1.07	
For Curved Wall, Add	0.64	
For 12" On Center, Add	0.96	
For 24" On Center, Deduct	-0.96	
For Up To 100, Add	1.50	
For >100 To 300, Add	0.75	
For >1,000, Deduct	-0.59	

**09 Finishes**

**09 20 Plaster and Gypsum Board**

**09 22 Supports for Plaster and Gypsum Board**



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
09 22 16 13-0016	SF	4" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....		5.75	0.89
		<i>For Powder-Actuated Fasteners Every 2', Add</i>		0.05	
		<i>For Walls &gt;10' High, Add</i>		1.15	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		2.37	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>		3.04	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.91	
		<i>For Horizontal Installation &gt;10' High, Add</i>		1.14	
		<i>For Curved Wall, Add</i>		0.67	
		<i>For 12" On Center, Add</i>		1.04	
		<i>For 24" On Center, Deduct</i>		-1.04	
		<i>For Up To 100, Add</i>		1.60	
		<i>For &gt;100 To 300, Add</i>		0.80	
		<i>For &gt;1,000, Deduct</i>		-0.64	
09 22 16 13-0017	SF	6" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....		7.53	0.94
		<i>For Powder-Actuated Fasteners Every 2', Add</i>		0.05	
		<i>For Walls &gt;10' High, Add</i>		1.51	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		2.64	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>		3.35	
		<i>For Horizontal Installation Up To 10' High, Add</i>		1.11	
		<i>For Horizontal Installation &gt;10' High, Add</i>		1.34	
		<i>For Curved Wall, Add</i>		0.71	
		<i>For 12" On Center, Add</i>		1.39	
		<i>For 24" On Center, Deduct</i>		-1.39	
		<i>For Up To 100, Add</i>		1.98	
		<i>For &gt;100 To 300, Add</i>		0.99	
		<i>For &gt;1,000, Deduct</i>		-0.89	
09 22 16 13-0018	SF	8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....		8.19	1.00
		<i>For Powder-Actuated Fasteners Every 2', Add</i>		0.05	
		<i>For Walls &gt;10' High, Add</i>		1.64	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		2.80	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>		3.54	
		<i>For Horizontal Installation Up To 10' High, Add</i>		1.19	
		<i>For Horizontal Installation &gt;10' High, Add</i>		1.44	
		<i>For Curved Wall, Add</i>		0.74	
		<i>For 12" On Center, Add</i>		1.51	
		<i>For 24" On Center, Deduct</i>		-1.51	
		<i>For Up To 100, Add</i>		2.13	
		<i>For &gt;100 To 300, Add</i>		1.07	
		<i>For &gt;1,000, Deduct</i>		-0.98	
09 22 16 13-0019		<b>16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners</b> <small>(09 22 16 13)</small>			
09 22 16 13-0020	SF	2-1/2" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....		5.15	0.83
		<i>For Powder-Actuated Fasteners Every 2', Add</i>		0.05	
		<i>For Walls &gt;10' High, Add</i>		1.03	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		2.19	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>		2.81	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.83	
		<i>For Horizontal Installation &gt;10' High, Add</i>		1.04	
		<i>For Curved Wall, Add</i>		0.63	
		<i>For 12" On Center, Add</i>		0.93	
		<i>For 24" On Center, Deduct</i>		-0.93	
		<i>For Up To 100, Add</i>		1.45	
		<i>For &gt;100 To 300, Add</i>		0.72	
		<i>For &gt;1,000, Deduct</i>		-0.56	
09 22 16 13-0021	SF	3-5/8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....		6.05	0.87
		<i>For Powder-Actuated Fasteners Every 2', Add</i>		0.05	
		<i>For Walls &gt;10' High, Add</i>		1.21	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		2.35	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>		3.00	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.93	
		<i>For Horizontal Installation &gt;10' High, Add</i>		1.15	
		<i>For Curved Wall, Add</i>		0.65	
		<i>For 12" On Center, Add</i>		1.10	
		<i>For 24" On Center, Deduct</i>		-1.10	
		<i>For Up To 100, Add</i>		1.65	
		<i>For &gt;100 To 300, Add</i>		0.82	
		<i>For &gt;1,000, Deduct</i>		-0.69	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Plaster and Gypsum Board	09 20	
Supports for Plaster and Gypsum Board	09 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0022 SF 4" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	6.41	0.91
For Powder-Actuated Fasteners Every 2', Add	0.05	
For Walls >10' High, Add	1.28	
For Soffit, Columns Or Beams Up To 10' High, Add	2.47	
For Soffit, Columns Or Beams >10' High, Add	3.16	
For Horizontal Installation Up To 10' High, Add	0.98	
For Horizontal Installation >10' High, Add	1.21	
For Curved Wall, Add	0.69	
For 12" On Center, Add	1.17	
For 24" On Center, Deduct	-1.17	
For Up To 100, Add	1.74	
For >100 To 300, Add	0.87	
For >1,000, Deduct	-0.73	
09 22 16 13-0023 SF 6" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	8.12	0.97
For Powder-Actuated Fasteners Every 2', Add	0.05	
For Walls >10' High, Add	1.62	
For Soffit, Columns Or Beams Up To 10' High, Add	2.74	
For Soffit, Columns Or Beams >10' High, Add	3.46	
For Horizontal Installation Up To 10' High, Add	1.17	
For Horizontal Installation >10' High, Add	1.41	
For Curved Wall, Add	0.72	
For 12" On Center, Add	1.50	
For 24" On Center, Deduct	-1.50	
For Up To 100, Add	2.11	
For >100 To 300, Add	1.05	
For >1,000, Deduct	-0.98	
09 22 16 13-0024 SF 8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	8.95	1.02
For Powder-Actuated Fasteners Every 2', Add	0.05	
For Walls >10' High, Add	1.79	
For Soffit, Columns Or Beams Up To 10' High, Add	2.92	
For Soffit, Columns Or Beams >10' High, Add	3.68	
For Horizontal Installation Up To 10' High, Add	1.27	
For Horizontal Installation >10' High, Add	1.53	
For Curved Wall, Add	0.76	
For 12" On Center, Add	1.66	
For 24" On Center, Deduct	-1.66	
For Up To 100, Add	2.30	
For >100 To 300, Add	1.15	
For >1,000, Deduct	-1.09	
<b>09 22 16 13-0025 Galvanized Steel Backing Plates</b> <small>(09 22 16 13)</small>		
Note: Used to attach fixtures, cabinets, shelves or handrails to metal stud walls.		
09 22 16 13-0026 LF 3" Wide, 25 Gauge Galvanized Steel Backing Plate.....	1.39	
09 22 16 13-0027 LF 4" Wide, 25 Gauge Galvanized Steel Backing Plate.....	1.68	
09 22 16 13-0028 LF 6" Wide, 25 Gauge Galvanized Steel Backing Plate.....	2.13	
09 22 16 13-0029 LF 8" Wide, 25 Gauge Galvanized Steel Backing Plate.....	2.60	
09 22 16 13-0030 LF 10" Wide, 25 Gauge Galvanized Steel Backing Plate.....	3.03	
09 22 16 13-0031 LF 12" Wide, 25 Gauge Galvanized Steel Backing Plate.....	3.61	
09 22 16 13-0032 LF 3" Wide, 20 Gauge Galvanized Steel Backing Plate.....	1.74	
09 22 16 13-0033 LF 4" Wide, 20 Gauge Galvanized Steel Backing Plate.....	2.15	
09 22 16 13-0034 LF 6" Wide, 20 Gauge Galvanized Steel Backing Plate.....	2.82	
09 22 16 13-0035 LF 8" Wide, 20 Gauge Galvanized Steel Backing Plate.....	3.50	
09 22 16 13-0036 LF 10" Wide, 20 Gauge Galvanized Steel Backing Plate.....	4.19	
09 22 16 13-0037 LF 12" Wide, 20 Gauge Galvanized Steel Backing Plate.....	4.98	
09 22 16 13-0038 LF 3" Wide, 16 Gauge Galvanized Steel Backing Plate.....	2.34	
09 22 16 13-0039 LF 4" Wide, 16 Gauge Galvanized Steel Backing Plate.....	2.89	
09 22 16 13-0040 LF 6" Wide, 16 Gauge Galvanized Steel Backing Plate.....	3.88	
09 22 16 13-0041 LF 8" Wide, 16 Gauge Galvanized Steel Backing Plate.....	4.86	
09 22 16 13-0042 LF 10" Wide, 16 Gauge Galvanized Steel Backing Plate.....	5.94	
09 22 16 13-0043 LF 12" Wide, 16 Gauge Galvanized Steel Backing Plate.....	6.98	
09 22 16 13-0044 LF 3" Wide, 14 Gauge Galvanized Steel Backing Plate.....	2.73	
09 22 16 13-0045 LF 4" Wide, 14 Gauge Galvanized Steel Backing Plate.....	3.41	
09 22 16 13-0046 LF 6" Wide, 14 Gauge Galvanized Steel Backing Plate.....	4.66	
09 22 16 13-0047 LF 8" Wide, 14 Gauge Galvanized Steel Backing Plate.....	5.89	
09 22 16 13-0048 LF 10" Wide, 14 Gauge Galvanized Steel Backing Plate.....	7.24	
09 22 16 13-0049 LF 12" Wide, 14 Gauge Galvanized Steel Backing Plate.....	8.54	
<b>09 22 36 Lath</b> <small>(09 22)</small>		
<b>09 22 36 13 Gypsum Lath</b> <small>(09 22 36)</small>		
<b>09 22 36 13-0001 Plaster Base Gypsum Panels</b> <small>(09 22 36 13)</small>		
09 22 36 13-0002 SF 3/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	1.43	0.49
For Walls >10' High, Add	0.12	
For Up To 100, Add	0.50	
For >100 To 500, Add	0.25	
For >5,000, Deduct	-0.10	

**09 Finishes****09 20 Plaster and Gypsum Board****09 22 Supports for Plaster and Gypsum Board**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0003	SF		1/2" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	1.95	0.57
			<i>For Walls &gt;10' High, Add</i>	0.14	
			<i>For Up To 100, Add</i>	0.57	
			<i>For &gt;100 To 500, Add</i>	0.29	
			<i>For &gt;5,000, Deduct</i>	-0.11	
09 22 36 13-0004	SF		5/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	2.46	0.65
			<i>For Walls &gt;10' High, Add</i>	0.16	
			<i>For Up To 100, Add</i>	0.65	
			<i>For &gt;100 To 500, Add</i>	0.33	
			<i>For &gt;5,000, Deduct</i>	-0.13	
09 22 36 13-0005	SF		3/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel .....	1.82	0.68
			<i>For Ceilings &gt;10' High, Add</i>	0.21	
			<i>For Up To 100, Add</i>	0.69	
			<i>For &gt;100 To 500, Add</i>	0.35	
			<i>For &gt;5,000, Deduct</i>	-0.14	
09 22 36 13-0006	SF		1/2" Thick, Installed On Ceiling, Plaster Base Gypsum Panel .....	2.40	0.79
			<i>For Ceilings &gt;10' High, Add</i>	0.24	
			<i>For Up To 100, Add</i>	0.80	
			<i>For &gt;100 To 500, Add</i>	0.40	
			<i>For &gt;5,000, Deduct</i>	-0.16	
09 22 36 13-0007	SF		5/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel .....	2.98	0.91
			<i>For Ceilings &gt;10' High, Add</i>	0.27	
			<i>For Up To 100, Add</i>	0.91	
			<i>For &gt;100 To 500, Add</i>	0.46	
			<i>For &gt;5,000, Deduct</i>	-0.18	
09 22 36 13-0008	SF		3/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	2.21	0.88
			<i>For Columns And Beams &gt;10' High, Add</i>	0.27	
			<i>For Up To 100, Add</i>	0.89	
			<i>For &gt;100 To 500, Add</i>	0.44	
			<i>For &gt;5,000, Deduct</i>	-0.18	
09 22 36 13-0009	SF		1/2" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	2.86	1.03
			<i>For Columns And Beams &gt;10' High, Add</i>	0.31	
			<i>For Up To 100, Add</i>	1.03	
			<i>For &gt;100 To 500, Add</i>	0.51	
			<i>For &gt;5,000, Deduct</i>	-0.21	
09 22 36 13-0010	SF		5/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	3.50	1.18
			<i>For Columns And Beams &gt;10' High, Add</i>	0.35	
			<i>For Up To 100, Add</i>	1.17	
			<i>For &gt;100 To 500, Add</i>	0.59	
			<i>For &gt;5,000, Deduct</i>	-0.23	
<b>09 22 36 13-0011</b>			<b>Firestop Plaster Base Gypsum Panels</b> <small>(09 22 36 13)</small>		
09 22 36 13-0012	SF		3/8" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel .....	1.96	0.49
			<i>For Walls &gt;10' High, Add</i>	0.12	
			<i>For Up To 100, Add</i>	0.50	
			<i>For &gt;100 To 500, Add</i>	0.25	
			<i>For &gt;5,000, Deduct</i>	-0.10	
09 22 36 13-0013	SF		1/2" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel .....	2.27	0.57
			<i>For Walls &gt;10' High, Add</i>	0.14	
			<i>For Up To 100, Add</i>	0.57	
			<i>For &gt;100 To 500, Add</i>	0.29	
			<i>For &gt;5,000, Deduct</i>	-0.11	
09 22 36 13-0014	SF		3/8" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel.....	2.35	0.68
			<i>For Ceilings &gt;10' High, Add</i>	0.21	
			<i>For Up To 100, Add</i>	0.69	
			<i>For &gt;100 To 500, Add</i>	0.35	
			<i>For &gt;5,000, Deduct</i>	-0.14	
09 22 36 13-0015	SF		1/2" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel.....	2.72	0.79
			<i>For Ceilings &gt;10' High, Add</i>	0.24	
			<i>For Up To 100, Add</i>	0.80	
			<i>For &gt;100 To 500, Add</i>	0.40	
			<i>For &gt;5,000, Deduct</i>	-0.16	
09 22 36 13-0016	SF		3/8" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel.....	2.74	0.88
			<i>For Columns And Beams &gt;10' High, Add</i>	0.27	
			<i>For Up To 100, Add</i>	0.89	
			<i>For &gt;100 To 500, Add</i>	0.44	
			<i>For &gt;5,000, Deduct</i>	-0.18	
09 22 36 13-0017	SF		1/2" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel.....	3.18	1.03
			<i>For Columns And Beams &gt;10' High, Add</i>	0.31	
			<i>For Up To 100, Add</i>	1.03	
			<i>For &gt;100 To 500, Add</i>	0.51	
			<i>For &gt;5,000, Deduct</i>	-0.21	
<b>09 22 36 13-0018</b>			<b>Foil Back Plaster Base Gypsum Panels</b> <small>(09 22 36 13)</small>		
09 22 36 13-0019	SF		3/8" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel .....	1.96	0.49
			<i>For Walls &gt;10' High, Add</i>	0.12	
			<i>For Up To 100, Add</i>	0.50	
			<i>For &gt;100 To 500, Add</i>	0.25	
			<i>For &gt;5,000, Deduct</i>	-0.10	
09 22 36 13-0020	SF		1/2" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel .....	2.27	0.57
			<i>For Walls &gt;10' High, Add</i>	0.14	
			<i>For Up To 100, Add</i>	0.57	
			<i>For &gt;100 To 500, Add</i>	0.29	
			<i>For &gt;5,000, Deduct</i>	-0.11	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0021 SF 3/8" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel.....	2.35	0.68
<i>For Ceilings &gt;10' High, Add</i>	0.21	
<i>For Up To 100, Add</i>	0.69	
<i>For &gt;100 To 500, Add</i>	0.35	
<i>For &gt;5,000, Deduct</i>	-0.14	
09 22 36 13-0022 SF 1/2" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel.....	2.72	0.79
<i>For Ceilings &gt;10' High, Add</i>	0.24	
<i>For Up To 100, Add</i>	0.80	
<i>For &gt;100 To 500, Add</i>	0.40	
<i>For &gt;5,000, Deduct</i>	-0.16	
09 22 36 13-0023 SF 3/8" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel.....	2.74	0.88
<i>For Columns And Beams &gt;10' High, Add</i>	0.27	
<i>For Up To 100, Add</i>	0.89	
<i>For &gt;100 To 500, Add</i>	0.44	
<i>For &gt;5,000, Deduct</i>	-0.18	
09 22 36 13-0024 SF 1/2" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel.....	3.18	1.03
<i>For Columns And Beams &gt;10' High, Add</i>	0.31	
<i>For Up To 100, Add</i>	1.03	
<i>For &gt;100 To 500, Add</i>	0.51	
<i>For &gt;5,000, Deduct</i>	-0.21	

**09 22 36 23 Metal Lath** (09 22 36)

**09 22 36 23-0001 Flat Diamond, Expanded Metal Lath** (09 22 36 23)

09 22 36 23-0002 SF 1.75 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath .....	2.31	0.68
<i>For Walls &gt;10' High, Add</i>	0.19	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.76	
<i>For &gt;100 To 500, Add</i>	0.38	
<i>For &gt;5,000, Deduct</i>	-0.15	
09 22 36 23-0003 SF 2 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath .....	2.41	0.68
<i>For Walls &gt;10' High, Add</i>	0.19	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.76	
<i>For &gt;100 To 500, Add</i>	0.38	
<i>For &gt;5,000, Deduct</i>	-0.15	
09 22 36 23-0004 SF 2.5 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath .....	2.52	0.68
<i>For Walls &gt;10' High, Add</i>	0.19	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.76	
<i>For &gt;100 To 500, Add</i>	0.38	
<i>For &gt;5,000, Deduct</i>	-0.15	
09 22 36 23-0005 SF 3.4 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath .....	2.88	0.72
<i>For Walls &gt;10' High, Add</i>	0.20	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.81	
<i>For &gt;100 To 500, Add</i>	0.41	
<i>For &gt;5,000, Deduct</i>	-0.16	
09 22 36 23-0006 SF 1.75 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	2.53	0.77
<i>For Ceilings &gt;10' High, Add</i>	0.26	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.87	
<i>For &gt;100 To 500, Add</i>	0.44	
<i>For &gt;5,000, Deduct</i>	-0.17	
09 22 36 23-0007 SF 2 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	2.63	0.77
<i>For Ceilings &gt;10' High, Add</i>	0.26	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.87	
<i>For &gt;100 To 500, Add</i>	0.44	
<i>For &gt;5,000, Deduct</i>	-0.17	
09 22 36 23-0008 SF 2.5 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	2.74	0.77
<i>For Ceilings &gt;10' High, Add</i>	0.26	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.87	
<i>For &gt;100 To 500, Add</i>	0.44	
<i>For &gt;5,000, Deduct</i>	-0.17	
09 22 36 23-0009 SF 3.4 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	3.00	0.77
<i>For Ceilings &gt;10' High, Add</i>	0.26	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.87	
<i>For &gt;100 To 500, Add</i>	0.44	
<i>For &gt;5,000, Deduct</i>	-0.17	
09 22 36 23-0010 SF 1.75 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath.....	3.34	1.10
<i>For Columns And Beams &gt;10' High, Add</i>	0.36	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	1.22	
<i>For &gt;100 To 500, Add</i>	0.61	
<i>For &gt;5,000, Deduct</i>	-0.24	
09 22 36 23-0011 SF 2 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath.....	3.45	1.10
<i>For Columns And Beams &gt;10' High, Add</i>	0.36	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	1.22	
<i>For &gt;100 To 500, Add</i>	0.61	
<i>For &gt;5,000, Deduct</i>	-0.24	

**09 Finishes****09 20 Plaster and Gypsum Board****09 22 Supports for Plaster and Gypsum Board**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0012	SF		2.5 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath .....	3.55	1.10
			<i>For Columns And Beams &gt;10' High, Add</i>	0.36	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.22	
			<i>For &gt;100 To 500, Add</i>	0.61	
			<i>For &gt;5,000, Deduct</i>	-0.24	
09 22 36 23-0013	SF		3.4 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath .....	4.42	1.38
			<i>For Columns And Beams &gt;10' High, Add</i>	0.46	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.52	
			<i>For &gt;100 To 500, Add</i>	0.76	
			<i>For &gt;5,000, Deduct</i>	-0.30	
<b>09 22 36 23-0014</b>			<b>Self Furring, Flat Diamond, Expanded Metal Lath</b> <small>(09 22 36 23)</small>		
09 22 36 23-0015	SF		1.75 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath .....	2.41	0.72
			<i>For Walls &gt;10' High, Add</i>	0.20	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.81	
			<i>For &gt;100 To 500, Add</i>	0.41	
			<i>For &gt;5,000, Deduct</i>	-0.16	
09 22 36 23-0016	SF		2.0 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath .....	2.51	0.72
			<i>For Walls &gt;10' High, Add</i>	0.20	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.81	
			<i>For &gt;100 To 500, Add</i>	0.41	
			<i>For &gt;5,000, Deduct</i>	-0.16	
09 22 36 23-0017	SF		2.5 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath .....	2.62	0.72
			<i>For Walls &gt;10' High, Add</i>	0.20	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.81	
			<i>For &gt;100 To 500, Add</i>	0.41	
			<i>For &gt;5,000, Deduct</i>	-0.16	
09 22 36 23-0018	SF		3.4 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath .....	2.88	0.72
			<i>For Walls &gt;10' High, Add</i>	0.20	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.81	
			<i>For &gt;100 To 500, Add</i>	0.41	
			<i>For &gt;5,000, Deduct</i>	-0.16	
09 22 36 23-0019	SF		1.75 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath .....	3.95	1.38
			<i>For Columns And Beams &gt;10' High, Add</i>	0.46	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.52	
			<i>For &gt;100 To 500, Add</i>	0.76	
			<i>For &gt;5,000, Deduct</i>	-0.30	
09 22 36 23-0020	SF		2.0 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath .....	4.06	1.38
			<i>For Columns And Beams &gt;10' High, Add</i>	0.46	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.52	
			<i>For &gt;100 To 500, Add</i>	0.76	
			<i>For &gt;5,000, Deduct</i>	-0.30	
09 22 36 23-0021	SF		2.5 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath .....	4.16	1.38
			<i>For Columns And Beams &gt;10' High, Add</i>	0.46	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.52	
			<i>For &gt;100 To 500, Add</i>	0.76	
			<i>For &gt;5,000, Deduct</i>	-0.30	
09 22 36 23-0022	SF		3.4 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath .....	4.85	1.57
			<i>For Columns And Beams &gt;10' High, Add</i>	0.52	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.74	
			<i>For &gt;100 To 500, Add</i>	0.87	
			<i>For &gt;5,000, Deduct</i>	-0.35	
<b>09 22 36 23-0023</b>			<b>High Rib Metal Lath</b> <small>(09 22 36 23)</small>		
09 22 36 23-0024	SF		2.75 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath .....	2.82	0.77
			<i>For Ceilings &gt;10' High, Add</i>	0.26	
			<i>For Up To 100, Add</i>	0.87	
			<i>For &gt;100 To 500, Add</i>	0.44	
			<i>For &gt;5,000, Deduct</i>	-0.17	
09 22 36 23-0025	SF		3.4 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath .....	2.97	0.77
			<i>For Ceilings &gt;10' High, Add</i>	0.26	
			<i>For Up To 100, Add</i>	0.87	
			<i>For &gt;100 To 500, Add</i>	0.44	
			<i>For &gt;5,000, Deduct</i>	-0.17	
09 22 36 23-0026	SF		3.4 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath .....	3.06	0.77
			<i>For Ceilings &gt;10' High, Add</i>	0.26	
			<i>For Up To 100, Add</i>	0.87	
			<i>For &gt;100 To 500, Add</i>	0.44	
			<i>For &gt;5,000, Deduct</i>	-0.17	
09 22 36 23-0027	SF		4.0 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath .....	3.23	0.77
			<i>For Ceilings &gt;10' High, Add</i>	0.26	
			<i>For Up To 100, Add</i>	0.87	
			<i>For &gt;100 To 500, Add</i>	0.44	
			<i>For &gt;5,000, Deduct</i>	-0.17	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Plaster and Gypsum Board	09 20	
Supports for Plaster and Gypsum Board	09 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 22 36 33    Fiberglass Lath</b> <small>(09 22 36)</small>		
<b>09 22 36 33-0001    Non-Metallic, Fiberglass Lath</b> <small>(09 22 36 33)</small>		
09 22 36 33-0002    SF    1/8" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath.....	3.06	0.77
<i>For Ceilings &gt;10' High, Add</i>	0.26	
<i>For Up To 100, Add</i>	0.87	
<i>For &gt;100 To 500, Add</i>	0.44	
<i>For &gt;5,000, Deduct</i>	-0.17	
09 22 36 33-0003    SF    1/4" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath.....	3.25	0.77
<i>For Ceilings &gt;10' High, Add</i>	0.26	
<i>For Up To 100, Add</i>	0.87	
<i>For &gt;100 To 500, Add</i>	0.44	
<i>For &gt;5,000, Deduct</i>	-0.17	
09 22 36 33-0004    SF    1/8" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath .....	2.94	0.72
<i>For Walls &gt;10' High, Add</i>	0.20	
<i>For Up To 100, Add</i>	0.81	
<i>For &gt;100 To 500, Add</i>	0.41	
<i>For &gt;5,000, Deduct</i>	-0.16	
09 22 36 33-0005    SF    1/4" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath .....	3.13	0.72
<i>For Walls &gt;10' High, Add</i>	0.20	
<i>For Up To 100, Add</i>	0.81	
<i>For &gt;100 To 500, Add</i>	0.41	
<i>For &gt;5,000, Deduct</i>	-0.16	
<b>09 23    Gypsum Plastering</b> <small>(09 20)</small>		
<b>09 23 13    Acoustical Gypsum Plastering</b> <small>(09 23)</small>		
Note: Excludes lath, furring and studs. See CSI section 09 22 00 00-0000 for metal studs and furring, 09 22 36 00-0000 for lath.		
<b>09 23 13 00-0001    Casing And Corner Beads</b> <small>(09 23 13)</small>		
09 23 13 00-0002    LF    Galvanized Expanded Flange Casing Bead For Plaster Applications.....	4.47	1.10
09 23 13 00-0003    LF    Zinc Expanded Flange Casing Bead For Plaster Applications.....	4.48	1.10
09 23 13 00-0004    LF    Vinyl Expanded Flange Casing Bead For Plaster Applications.....	4.42	1.10
09 23 13 00-0005    LF    Galvanized Corner Bead For Plaster Applications.....	4.31	1.10
09 23 13 00-0006    LF    Vinyl Corner Bead For Plaster Applications.....	4.22	1.10
<b>09 23 13 00-0007    Trim</b> <small>(09 23 13)</small>		
09 23 13 00-0008    LF    Galvanized "J" Trim For Plaster Applications.....	4.70	1.10
<i>For Vinyl Instead Of Galvanized, Add</i>	0.23	
<i>For Zinc Instead Of Galvanized, Add</i>	1.56	
09 23 13 00-0009    LF    Galvanized "L" Trim For Plaster Applications .....	4.70	1.10
<i>For Vinyl Instead Of Galvanized, Add</i>	0.23	
<i>For Zinc Instead Of Galvanized, Add</i>	1.56	
09 23 13 00-0010    LF    Galvanized "U" Trim For Plaster Applications.....	4.70	1.10
<i>For Vinyl Instead Of Galvanized, Add</i>	0.23	
<i>For Zinc Instead Of Galvanized, Add</i>	1.56	
<b>09 23 13 00-0011    Plaster Forms And Expansion Joints</b> <small>(09 23 13)</small>		
09 23 13 00-0012    SF    1" Architectural Foam Forms To Cover With Plaster .....	5.21	
09 23 13 00-0013    LF    3/4" Galvanized Expansion Joint For Plaster Applications.....	5.20	1.10
<b>09 23 13 00-0014    One Skim Coat Gypsum Plaster On Walls</b> <small>(09 23 13)</small>		
09 23 13 00-0015    SF    Skim Coat One Coat Gypsum Plaster On Walls .....	1.26	
<i>For Walls &gt;10' High, Add</i>	0.11	
<i>For Horizontal Installation Up To 10' High, Add</i>	0.17	
<i>For Horizontal Installation &gt;10' High, Add</i>	0.33	
<i>For Columns Or Beams Up To 10' High, Add</i>	0.34	
<i>For Columns Or Beams &gt;10' High, Add</i>	0.51	
<i>For Up To 100, Add</i>	0.55	
<i>For &gt;100 To 500, Add</i>	0.28	
<i>For &gt;5,000, Deduct</i>	-0.22	
09 23 13 00-0016    SF    For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls .....	0.91	
<i>For Walls &gt;10' High, Add</i>	0.08	
<i>For Horizontal Installation Up To 10' High, Add</i>	0.12	
<i>For Horizontal Installation &gt;10' High, Add</i>	0.24	
<i>For Columns Or Beams Up To 10' High, Add</i>	0.24	
<i>For Columns Or Beams &gt;10' High, Add</i>	0.36	
<i>For Up To 100, Add</i>	0.40	
<i>For &gt;100 To 500, Add</i>	0.20	
<i>For &gt;5,000, Deduct</i>	-0.16	
<b>09 23 13 00-0017    Two Coats Gypsum Plaster On Walls</b> <small>(09 23 13)</small>		

**09 Finishes****09 20 Plaster and Gypsum Board****09 23 Gypsum Plastering**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 23 13 00-0018	SF		Smooth Finish Two Coats Gypsum Plaster On Walls.....	6.33	3.65
			For Walls >10' High, Add	0.60	
			For Horizontal Installation Up To 10' High, Add	0.90	
			For Horizontal Installation >10' High, Add	1.81	
			For Columns Or Beams Up To 10' High, Add	1.87	
			For Columns Or Beams >10' High, Add	2.77	
			For Up To 100, Add	3.02	
			For >100 To 500, Add	1.51	
			For >5,000, Deduct	-1.21	
09 23 13 00-0019	SF		Sand Aggregate Two Coats Gypsum Plaster On Walls.....	6.63	3.46
			For Walls >10' High, Add	0.57	
			For Horizontal Installation Up To 10' High, Add	0.85	
			For Horizontal Installation >10' High, Add	1.70	
			For Columns Or Beams Up To 10' High, Add	1.75	
			For Columns Or Beams >10' High, Add	2.60	
			For Up To 100, Add	2.83	
			For >100 To 500, Add	1.42	
			For >5,000, Deduct	-1.13	
09 23 13 00-0020	SF		Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls.....	6.44	3.46
			For Walls >10' High, Add	0.57	
			For Horizontal Installation Up To 10' High, Add	0.85	
			For Horizontal Installation >10' High, Add	1.70	
			For Columns Or Beams Up To 10' High, Add	1.75	
			For Columns Or Beams >10' High, Add	2.60	
			For Up To 100, Add	2.83	
			For >100 To 500, Add	1.42	
			For >5,000, Deduct	-1.13	
<b>09 23 13 00-0021</b>			<b>Three Coats Gypsum Plaster On Walls (09 23 13)</b>		
09 23 13 00-0022	SF		Smooth Finish Three Coats Gypsum Plaster On Walls.....	7.64	4.45
			For Walls >10' High, Add	0.72	
			For Horizontal Installation Up To 10' High, Add	1.08	
			For Horizontal Installation >10' High, Add	2.16	
			For Columns Or Beams Up To 10' High, Add	2.24	
			For Columns Or Beams >10' High, Add	3.32	
			For Up To 100, Add	3.61	
			For >100 To 500, Add	1.80	
			For >5,000, Deduct	-1.44	
09 23 13 00-0023	SF		Sand Aggregate Three Coats Gypsum Plaster On Walls.....	7.78	4.06
			For Walls >10' High, Add	0.67	
			For Horizontal Installation Up To 10' High, Add	1.00	
			For Horizontal Installation >10' High, Add	2.00	
			For Columns Or Beams Up To 10' High, Add	2.07	
			For Columns Or Beams >10' High, Add	3.07	
			For Up To 100, Add	3.34	
			For >100 To 500, Add	1.67	
			For >5,000, Deduct	-1.34	
09 23 13 00-0024	SF		Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls.....	7.17	4.06
			For Walls >10' High, Add	0.67	
			For Horizontal Installation Up To 10' High, Add	1.00	
			For Horizontal Installation >10' High, Add	2.00	
			For Columns Or Beams Up To 10' High, Add	2.06	
			For Columns Or Beams >10' High, Add	3.06	
			For Up To 100, Add	3.33	
			For >100 To 500, Add	1.66	
			For >5,000, Deduct	-1.33	
<b>09 23 13 00-0025</b>			<b>Plaster Bonding Agent (09 23 13)</b>		
09 23 13 00-0026	SF		1 Coat, Brush/Roller Plaster Bonding Agent.....	0.71	
			For Walls >10' High, Add	0.06	
			For Columns Or Beams Up To 10' High, Add	0.18	
			For Columns Or Beams >10' High, Add	0.26	
			For Ceiling Application Up To 10' High, Add	0.08	
			For Ceiling Application >10' High, Add	0.13	
<b>09 24</b>			<b>Cement Plastering (09 20)</b>		
<b>09 24 13</b>			<b>Acoustical Cement Plastering (09 24)</b>		
<b>09 24 13 00-0001</b>			<b>Keene's Cement Plaster, Quick Setting, White Hard Plaster (09 24 13)</b>		
			Note: Used for areas with higher than normal moisture.		
09 24 13 00-0002	SF		1 Coat Keene's Cement Plaster On Walls.....	5.34	2.47
			For Walls >10' High, Add	0.40	
			For Horizontal Installation Up To 10' High, Add	0.59	
			For Horizontal Installation >10' High, Add	1.19	
			For Columns Or Beams Up To 10' High, Add	1.23	
			For Columns Or Beams >10' High, Add	1.82	
			For Up To 100, Add	1.98	
			For >100 To 500, Add	0.99	
			For >5,000, Deduct	-0.79	





<b>Finishes</b>	<b>09</b>
Plaster and Gypsum Board	09 20
Cement Plastering	09 24

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 24 13 00-0003	SF		2 Coat Keene's Cement Plaster On Walls .....	8.00	3.86
			For Walls >10' High, Add	0.63	
			For Horizontal Installation Up To 10' High, Add	0.94	
			For Horizontal Installation >10' High, Add	1.88	
			For Columns Or Beams Up To 10' High, Add	1.94	
			For Columns Or Beams >10' High, Add	2.88	
			For Up To 100, Add	3.14	
			For >100 To 500, Add	1.57	
			For >5,000, Deduct	-1.25	
09 24 13 00-0004	SF		3 Coat Keene's Cement Plaster On Walls .....	9.06	4.35
			For Walls >10' High, Add	0.71	
			For Horizontal Installation Up To 10' High, Add	1.06	
			For Horizontal Installation >10' High, Add	2.13	
			For Columns Or Beams Up To 10' High, Add	2.20	
			For Columns Or Beams >10' High, Add	3.26	
			For Up To 100, Add	3.55	
			For >100 To 500, Add	1.77	
			For >5,000, Deduct	-1.42	

**09 24 23 Cement Stucco (09 24)**

Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.

09 24 23 00-0001	Stucco (09 24 23)		Note: Excludes wall scaffolding or lifting equipment. See CSI section 09 22 36 00-0000 for lath.		
09 24 23 00-0002	SF		Scratch/Brown/Finish, Three Coat Troweled Stucco .....	9.81	3.07
			Note: Excludes lath and felt. Interior or exterior, one side.		
			For Walls >10' High, Add	0.84	
			For Horizontal Installation Up To 10' High, Add	1.26	
			For Horizontal Installation >10' High, Add	2.51	
			For Columns Or Beams Up To 10' High, Add	2.59	
			For Columns Or Beams >10' High, Add	3.85	
			For Color Added To Finish Coat, Add	0.15	
			For Smooth Float Finish, Add	1.76	
			For Up To 100, Add	4.19	
			For >100 To 500, Add	2.09	
			For >5,000, Deduct	-1.67	
09 24 23 00-0003	SF		Scratch/Brown, Two Coat Troweled Stucco .....	4.33	1.49
			Note: Excludes lath and felt. Interior or exterior, one side.		
			For Walls >10' High, Add	0.31	
			For Horizontal Installation Up To 10' High, Add	0.46	
			For Horizontal Installation >10' High, Add	0.92	
			For Columns Or Beams Up To 10' High, Add	0.95	
			For Columns Or Beams >10' High, Add	1.41	
			For Up To 100, Add	1.54	
			For >100 To 500, Add	0.77	
			For >5,000, Deduct	-0.61	
09 24 23 00-0004	SF		Scratch/Finish, Two Coat Troweled Stucco .....	6.49	1.49
			Note: Excludes lath and felt. Interior or exterior, one side.		
			For Walls >10' High, Add	0.54	
			For Horizontal Installation Up To 10' High, Add	0.82	
			For Horizontal Installation >10' High, Add	1.63	
			For Columns Or Beams Up To 10' High, Add	1.69	
			For Columns Or Beams >10' High, Add	2.50	
			For Color Added To Finish Coat, Add	0.15	
			For Smooth Float Finish, Add	1.50	
			For Up To 100, Add	2.72	
			For >100 To 500, Add	1.36	
			For >5,000, Deduct	-1.09	
09 24 23 00-0005	SF		Finish Coat Troweled Stucco .....	4.14	0.99
			Note: Excludes lath and felt. Interior or exterior, one side.		
			For Walls >10' High, Add	0.40	
			For Horizontal Installation Up To 10' High, Add	0.59	
			For Horizontal Installation >10' High, Add	1.19	
			For Columns Or Beams Up To 10' High, Add	1.23	
			For Columns Or Beams >10' High, Add	1.82	
			For Color Added To Finish Coat, Add	0.15	
			For Smooth Float Finish, Add	1.49	
			For Up To 100, Add	1.98	
			For >100 To 500, Add	0.99	
			For >5,000, Deduct	-0.79	

**09 24 33 Cement Parging (09 24)**

09 24 33 00-0001	Cement Parging (09 24 33)				
09 24 33 00-0002	SF		1/8" Thick Sand And Cement Parging .....	3.51	
09 24 33 00-0003	SF		1/4" Thick Sand And Cement Parging .....	4.53	
09 24 33 00-0004	SF		1/2" Thick Sand And Cement Parging .....	5.73	

**09 28 Backing Boards and Underlayments (09 20)**

**09 28 13 Cementitious Backing Boards (09 28)**

**09 Finishes****09 20 Plaster and Gypsum Board****09 28 Backing Boards and Underlayments**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 28 13 00-0001			<b>Cementitious Backer Units</b> <small>(09 28 13)</small> Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.		
09 28 13 00-0002	SF		1/4" Cementitious Backer Units For Installation On Floors .....	4.38	0.73
			For Up To 50, Add	3.29	
			For >50 To 250, Add	0.59	
			For >1,000, Deduct	-0.29	
			For Installation On Wall, Add	0.59	
			For Installation On Ceiling, Add	1.47	
09 28 13 00-0003	SF		1/2" Cementitious Backer Units For Installation On Floors .....	5.00	0.88
			For Up To 50, Add	3.88	
			For >50 To 250, Add	0.70	
			For >1,000, Deduct	-0.35	
			For Installation On Wall, Add	0.70	
			For Installation On Ceiling, Add	1.76	
09 28 13 00-0004	SF		5/8" Cementitious Backer Units For Installation On Floors .....	6.21	1.03
			For Up To 50, Add	4.63	
			For >50 To 250, Add	0.82	
			For >1,000, Deduct	-0.41	
			For Installation On Wall, Add	0.82	
			For Installation On Ceiling, Add	2.05	
<b>09 28 16</b>			<b>Glass-Mat Faced Gypsum Backing Boards</b> <small>(09 28)</small>		
09 28 16 00-0001			<b>Glass Mat Faced Backer Units, DensShield</b> <small>(09 28 16)</small> Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.		
09 28 16 00-0002	SF		1/2" DensShield Tile Backer For Installation On Floors .....	3.25	0.82
			For Up To 50, Add	2.39	
			For >50 To 250, Add	0.42	
			For >1,000, Deduct	-0.21	
			For Installation On Wall, Add	0.42	
			For Installation On Ceiling, Add	1.05	
09 28 16 00-0003	SF		5/8" DensShield Tile Backer For Installation On Floors .....	3.69	0.94
			For Up To 50, Add	2.69	
			For >50 To 250, Add	0.47	
			For >1,000, Deduct	-0.24	
			For Installation On Wall, Add	0.47	
			For Installation On Ceiling, Add	1.18	
09 29			<b>Gypsum Board</b> <small>(09 29)</small>		
<b>09 29 10</b>			<b>Gypsum Board</b> <small>(09 29)</small>		
09 29 10 00-0001			<b>Standard Gypsum Board Application</b> <small>(09 29 10)</small> Note: Includes gypsum board screwed in place on walls, ceilings, beams, columns, soffits, etc.. Excludes finishing. See CSI section 09 01 20 91-0001 for small repairs, 09 29 10 00-0036 for finishing gypsum board, 09 29 10 00-0049 for casing and corner bead.		
09 29 10 00-0002			<b>Standard Gypsum Board Application</b> <small>(09 29 10 00-0001)</small>		
09 29 10 00-0003	SF		1/4" Gypsum Board.....	1.28	0.47
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.22	
			For Adhesive Applied Sheets, Add	0.11	
			Note: Includes bracing until adhesive is bonded		
			For Horizontal Installation Up To 10' High, Add	0.32	
			For Horizontal Installation >10' High, Add	0.47	
			For Walls >10' High, Add	0.08	
			For Up To 128, Add	0.44	
			For >128 To 320, Add	0.27	
			For >1,536, Deduct	-0.10	
09 29 10 00-0004	SF		3/8" Gypsum Board.....	1.40	0.52
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.25	
			For Adhesive Applied Sheets, Add	0.11	
			Note: Includes bracing until adhesive is bonded		
			For Foil Back Board, Add	0.10	
			For Horizontal Installation Up To 10' High, Add	0.36	
			For Horizontal Installation >10' High, Add	0.53	
			For Walls >10' High, Add	0.08	
			For Up To 128, Add	0.49	
			For >128 To 320, Add	0.30	
			For >1,536, Deduct	-0.10	
09 29 10 00-0005	SF		1/2" Gypsum Board.....	1.55	0.60
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.28	
			For Adhesive Applied Sheets, Add	0.12	
			Note: Includes bracing until adhesive is bonded		
			For Foil Back Board, Add	0.10	
			For Horizontal Installation Up To 10' High, Add	0.41	
			For Horizontal Installation >10' High, Add	0.61	
			For Walls >10' High, Add	0.10	
			For Up To 128, Add	0.55	
			For >128 To 320, Add	0.34	
			For >1,536, Deduct	-0.11	



<b>Finishes</b>	<b>09</b>	<b>2</b>
Plaster and Gypsum Board	09 20	
Gypsum Board	09 29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0006 SF 5/8" Gypsum Board.....	1.81	0.69
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.32	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Foil Back Board, Add	0.10	
For Horizontal Installation Up To 10' High, Add	0.47	
For Horizontal Installation >10' High, Add	0.70	
For Walls >10' High, Add	0.11	
For Up To 128, Add	0.64	
For >128 To 320, Add	0.39	
For >1,536, Deduct	-0.13	
<b>09 29 10 00-0007 Fire Rated Gypsum Board Application (09 29 10 00-0001)</b>		
<b>09 29 10 00-0008 Type X, Fire Rated Gypsum Board (09 29 10 00-0007)</b>		
09 29 10 00-0009 SF 5/8" Type X Fire Rated Gypsum Board.....	1.94	0.69
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.36	
For Adhesive Applied Sheets, Add	0.14	
Note: Includes bracing until adhesive is bonded		
For Foil Back Board, Add	0.10	
For Horizontal Installation Up To 10' High, Add	0.52	
For Horizontal Installation >10' High, Add	0.77	
For Walls >10' High, Add	0.12	
For Up To 128, Add	0.69	
For >128 To 320, Add	0.42	
For >1,536, Deduct	-0.14	
<b>09 29 10 00-0010 Type C, Fire Rated Gypsum Board (09 29 10 00-0007)</b>		
09 29 10 00-0011 SF 1/2" Type C Fire Rated Gypsum Board.....	1.76	0.60
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.31	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Foil Back Board, Add	0.10	
For Horizontal Installation Up To 10' High, Add	0.45	
For Horizontal Installation >10' High, Add	0.67	
For Walls >10' High, Add	0.11	
For Up To 128, Add	0.62	
For >128 To 320, Add	0.38	
For >1,536, Deduct	-0.13	
09 29 10 00-0012 SF 5/8" Type C Fire Rated Gypsum Board.....	1.99	0.69
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.36	
For Adhesive Applied Sheets, Add	0.14	
Note: Includes bracing until adhesive is bonded		
For Foil Back Board, Add	0.10	
For Horizontal Installation Up To 10' High, Add	0.52	
For Horizontal Installation >10' High, Add	0.77	
For Walls >10' High, Add	0.12	
For Up To 128, Add	0.70	
For >128 To 320, Add	0.43	
For >1,536, Deduct	-0.15	
<b>09 29 10 00-0013 Fire Rated Gypsum Board (Sheetrock® Ultracode®) (09 29 10 00-0007)</b>		
09 29 10 00-0014 SF 3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®).....	2.56	0.69
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.36	
For Adhesive Applied Sheets, Add	0.14	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.52	
For Horizontal Installation >10' High, Add	0.77	
For Walls >10' High, Add	0.12	
For Up To 128, Add	0.82	
For >128 To 320, Add	0.49	
For >1,536, Deduct	-0.23	
<b>09 29 10 00-0015 Moisture Resistant Gypsum Board Application (09 29 10 00-0001)</b>		
Note: Water-resistant gypsum core.		
09 29 10 00-0016 SF 1/2" Moisture Resistant Gypsum Board.....	1.66	0.60
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.28	
For Adhesive Applied Sheets, Add	0.12	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.41	
For Horizontal Installation >10' High, Add	0.61	
For Walls >10' High, Add	0.10	
For Up To 128, Add	0.57	
For >128 To 320, Add	0.35	
For >1,536, Deduct	-0.13	

09	<b>09 Finishes</b>
	<b>09 20 Plaster and Gypsum Board</b>
	<b>09 29 Gypsum Board</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0017 SF 5/8" Moisture Resistant Gypsum Board .....	2.10	0.60
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.33	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.47	
For Horizontal Installation >10' High, Add	0.70	
For Walls >10' High, Add	0.11	
For Up To 128, Add	0.70	
For >128 To 320, Add	0.42	
For >1,536, Deduct	-0.18	
<b>09 29 10 00-0018 Vinyl Faced Gypsum Board Application (09 29 10 00-0001)</b>		
Note: Includes clips and adhesive.		
09 29 10 00-0019 SF 3/8" Prefinished, Vinyl Faced Gypsum Board .....	2.92	0.47
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.26	
For Adhesive Applied Sheets, Add	0.11	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.36	
For Horizontal Installation >10' High, Add	0.53	
For Walls >10' High, Add	0.08	
For Up To 128, Add	0.80	
For >128 To 320, Add	0.45	
For >1,536, Deduct	-0.33	
09 29 10 00-0020 SF 1/2" Prefinished, Vinyl Faced Gypsum Board .....	3.07	0.60
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.30	
For Adhesive Applied Sheets, Add	0.12	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.41	
For Horizontal Installation >10' High, Add	0.61	
For Walls >10' High, Add	0.10	
For Up To 128, Add	0.86	
For >128 To 320, Add	0.49	
For >1,536, Deduct	-0.34	
09 29 10 00-0021 SF 5/8" Prefinished, Vinyl Faced Gypsum Board .....	3.25	0.69
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.34	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.47	
For Horizontal Installation >10' High, Add	0.70	
For Walls >10' High, Add	0.11	
For Up To 128, Add	0.93	
For >128 To 320, Add	0.53	
For >1,536, Deduct	-0.35	
09 29 10 00-0022 SF 1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board.....	3.51	0.60
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.33	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.45	
For Horizontal Installation >10' High, Add	0.67	
For Walls >10' High, Add	0.11	
For Up To 128, Add	0.97	
For >128 To 320, Add	0.55	
For >1,536, Deduct	-0.39	
09 29 10 00-0023 SF 5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board.....	5.14	0.69
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.39	
For Adhesive Applied Sheets, Add	0.14	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.52	
For Horizontal Installation >10' High, Add	0.77	
For Walls >10' High, Add	0.12	
For Up To 128, Add	1.33	
For >128 To 320, Add	0.74	
For >1,536, Deduct	-0.62	
<b>09 29 10 00-0024 Moisture And Mold Resistant Gypsum Board Application (09 29 10 00-0001)</b>		
09 29 10 00-0025 SF 1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™) .....	1.88	0.58
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.29	
For Adhesive Applied Sheets, Add	0.12	
Note: Includes bracing until adhesive is bonded		
For Non-reinforced Board, Deduct	-0.08	
For Horizontal Installation Up To 10' High, Add	0.41	
For Horizontal Installation >10' High, Add	0.61	
For Walls >10' High, Add	0.10	
For Up To 128, Add	0.62	
For >128 To 320, Add	0.37	
For >1,536, Deduct	-0.16	



<b>Finishes</b>	<b>09</b>	<b>2</b>
Plaster and Gypsum Board	09 20	
Gypsum Board	09 29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0026 SF 5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™).....	2.21	0.66
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.33	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Non-reinforced Board, Deduct	-0.08	
For Horizontal Installation Up To 10' High, Add	0.47	
For Horizontal Installation >10' High, Add	0.70	
For Walls >10' High, Add	0.11	
For Up To 128, Add	0.72	
For >128 To 320, Add	0.43	
For >1,536, Deduct	-0.19	
09 29 10 00-0027 SF 1/2" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™).....	2.19	0.58
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.31	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.45	
For Horizontal Installation >10' High, Add	0.67	
For Walls >10' High, Add	0.11	
For Up To 128, Add	0.70	
For >128 To 320, Add	0.42	
For >1,536, Deduct	-0.20	
09 29 10 00-0028 SF 5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™).....	2.47	0.66
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.36	
For Adhesive Applied Sheets, Add	0.14	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.52	
For Horizontal Installation >10' High, Add	0.77	
For Walls >10' High, Add	0.12	
For Up To 128, Add	0.80	
For >128 To 320, Add	0.48	
For >1,536, Deduct	-0.22	
<b>09 29 10 00-0029 Impact Resistant Gypsum Board (09 29 10 00-0001)</b>		
Note: Includes tapered edge, mold and moisture resistant, fire-resistant, Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant		
09 29 10 00-0030 SF 5/8" Fire Rated, Impact Resistant Gypsum Board (National Gypsum Hi-Impact®).....	3.53	0.66
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.34	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.47	
For Horizontal Installation >10' High, Add	0.69	
For Walls >10' High, Add	0.11	
For Up To 128, Add	0.98	
For >128 To 320, Add	0.56	
For >1,536, Deduct	-0.39	
<b>09 29 10 00-0031 Abuse Resistant Gypsum Board (09 29 10 00-0001)</b>		
Note: Includes tapered edge, mold and moisture resistant, fire-resistant Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant		
09 29 10 00-0032 SF 5/8" Fire Rated, Abuse Resistant Gypsum Board (National Gypsum Hi-Abuse®).....	2.25	0.66
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.33	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.47	
For Horizontal Installation >10' High, Add	0.69	
For Walls >10' High, Add	0.11	
For Up To 128, Add	0.73	
For >128 To 320, Add	0.43	
For >1,536, Deduct	-0.20	
<b>09 29 10 00-0033 Noise Reducing Gypsum Board (09 29 10 00-0001)</b>		
09 29 10 00-0034 SF 1/2" Noise Reducing Gypsum Board (National Gypsum SoundBreak).....	4.10	0.70
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.35	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.48	
For Horizontal Installation >10' High, Add	0.71	
For Walls >10' High, Add	0.11	
For Up To 128, Add	1.10	
For >128 To 320, Add	0.62	
For >1,536, Deduct	-0.47	

<b>09</b>	<b>09 Finishes</b>
	<b>09 20 Plaster and Gypsum Board</b>
	<b>09 29 Gypsum Board</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0035 SF 5/8" Noise Reducing Gypsum Board (National Gypsum SoundBreak) .....	4.86	0.70
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.36	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.48	
For Horizontal Installation >10' High, Add	0.71	
For Walls >10' High, Add	0.11	
For Up To 128, Add	1.25	
For >128 To 320, Add	0.70	
For >1,536, Deduct	-0.59	
<b>09 29 10 00-0036 Finishing Gypsum Board Applications</b> (09 29 10)		
Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.		
<b>09 29 10 00-0037 Finish Gypsum Board Walls, ASTM C840 Level 4</b> (09 29 10 00-0036)		
09 29 10 00-0038 SF Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board.....	0.79	
For Up To 128, Add	0.30	
For >128 To 320, Add	0.19	
For >5,400, Deduct	-0.08	
For ASTM C840 Level 1 Finish, Deduct	-0.38	
For ASTM C840 Level 2 Finish, Deduct	-0.19	
For ASTM C840 Level 3 Finish, Deduct	-0.08	
For ASTM C840 Level 5 High Quality Finish, Add	0.58	
For Spray Applied Textured Or Orange Peel Finish, Add	0.58	
09 29 10 00-0039 SF >10' High, Walls, Tape, Spackle And Finish Gypsum Board .....	1.05	
Note: Use this task for the entire wall area when the wall is >10' high.		
For Up To 128, Add	0.41	
For >128 To 320, Add	0.25	
For >5,400, Deduct	-0.11	
For ASTM C840 Level 1 Finish, Deduct	-0.51	
For ASTM C840 Level 2 Finish, Deduct	-0.25	
For ASTM C840 Level 3 Finish, Deduct	-0.10	
For ASTM C840 Level 5 High Quality Finish, Add	0.78	
For Spray Applied Textured Or Orange Peel Finish, Add	0.78	
<b>09 29 10 00-0040 Finish Gypsum Board Ceilings, ASTM C840 Level 4</b> (09 29 10 00-0036)		
09 29 10 00-0041 SF Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board.....	1.03	
For Up To 128, Add	0.40	
For >128 To 320, Add	0.25	
For >5,400, Deduct	-0.10	
For ASTM C840 Level 1 Finish, Deduct	-0.50	
For ASTM C840 Level 2 Finish, Deduct	-0.25	
For ASTM C840 Level 3 Finish, Deduct	-0.10	
For ASTM C840 Level 5 High Quality Finish, Add	0.76	
For Spray Applied Textured Or Orange Peel Finish, Add	0.76	
09 29 10 00-0042 SF >10' High, Ceilings, Tape, Spackle And Finish Gypsum Board.....	1.38	
Note: Use this task for the entire wall area when the wall is >10' high.		
For Up To 128, Add	0.54	
For >128 To 320, Add	0.34	
For >5,400, Deduct	-0.14	
For ASTM C840 Level 1 Finish, Deduct	-0.67	
For ASTM C840 Level 2 Finish, Deduct	-0.34	
For ASTM C840 Level 3 Finish, Deduct	-0.14	
For ASTM C840 Level 5 High Quality Finish, Add	1.03	
For Spray Applied Textured Or Orange Peel Finish, Add	1.03	
<b>09 29 10 00-0043 Finish Gypsum Board Vertical Corners, ASTM C840 Level 4</b> (09 29 10 00-0036)		
Note: Inside or outside gypsum board corners.		
09 29 10 00-0044 LF Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board.....	1.56	
For ASTM C840 Level 1 Finish, Deduct	-0.74	
For ASTM C840 Level 2 Finish, Deduct	-0.37	
For ASTM C840 Level 3 Finish, Deduct	-0.15	
For ASTM C840 Level 5 High Quality Finish, Add	1.15	
09 29 10 00-0045 LF >10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board.....	1.87	
Note: Use this task for the entire wall area when the wall is >10' high.		
For ASTM C840 Level 1 Finish, Deduct	-0.89	
For ASTM C840 Level 2 Finish, Deduct	-0.45	
For ASTM C840 Level 3 Finish, Deduct	-0.18	
For ASTM C840 Level 5 High Quality Finish, Add	1.38	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0046				<b>Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4</b> <small>(09 29 10 00-0036)</small>		
				Note: Inside or outside gypsum board corners.		
09 29 10 00-0047	LF			Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board.....	1.82	
				<i>For ASTM C840 Level 1 Finish, Deduct</i>	-0.87	
				<i>For ASTM C840 Level 2 Finish, Deduct</i>	-0.43	
				<i>For ASTM C840 Level 3 Finish, Deduct</i>	-0.17	
				<i>For ASTM C840 Level 5 High Quality Finish, Add</i>	1.34	
09 29 10 00-0048	LF			>10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board.....	2.19	
				Note: Use this task for the entire wall area when the wall is >10' high.		
				<i>For ASTM C840 Level 1 Finish, Deduct</i>	-1.05	
				<i>For ASTM C840 Level 2 Finish, Deduct</i>	-0.53	
				<i>For ASTM C840 Level 3 Finish, Deduct</i>	-0.21	
				<i>For ASTM C840 Level 5 High Quality Finish, Add</i>	1.62	
09 29 10 00-0049				<b>Casing And Corner Beads</b> <small>(09 29 10)</small>		
09 29 10 00-0050	LF			Casing, Galvanized Steel J-Bead For Gypsum Board.....	4.28	1.17
				<i>For Up To 100, Add</i>	0.31	
				<i>For &gt;500, Deduct</i>	-0.21	
09 29 10 00-0051	LF			Corner Bead, Galvanized Steel For Gypsum Board.....	4.06	1.17
				<i>For Up To 100, Add</i>	0.27	
				<i>For &gt;500, Deduct</i>	-0.20	
09 29 10 00-0052				<b>Preformed Architectural Profiles</b> <small>(09 29 10)</small>		
09 29 10 00-0053				<b>Trim Reveals For Gypsum Board</b> <small>(09 29 10 00-0052)</small>		
09 29 10 00-0054	LF			1/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	4.75	1.41
09 29 10 00-0055	LF			1/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	4.78	1.41
09 29 10 00-0056	LF			3/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	4.90	1.41
09 29 10 00-0057	LF			1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	4.96	1.41
09 29 10 00-0058	LF			5/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	5.10	1.41
09 29 10 00-0059	LF			3/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	5.25	1.41
09 29 10 00-0060	LF			1" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	5.40	1.41
09 29 10 00-0061	LF			1-1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	5.88	1.41
09 29 10 00-0062	LF			2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.35	1.41
09 29 10 00-0063	LF			1/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	4.92	1.53
09 29 10 00-0064	LF			1/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	4.92	1.53
09 29 10 00-0065	LF			3/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	5.25	1.53
09 29 10 00-0066	LF			1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	5.30	1.53
09 29 10 00-0067	LF			5/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	5.51	1.53
09 29 10 00-0068	LF			3/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	5.60	1.53
09 29 10 00-0069	LF			1" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	5.72	1.53
09 29 10 00-0070	LF			1 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.25	1.53
09 29 10 00-0071	LF			2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.79	1.53
09 29 10 00-0072	LF			3" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	9.09	1.76
09 29 10 00-0073	LF			4" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	9.98	1.76
09 29 10 00-0074				<b>Edge Trim For Gypsum Board</b> <small>(09 29 10 00-0052)</small>		
09 29 10 00-0075	LF			1/2" Aluminum Extrusions, Edge Trim For Gypsum Board.....	4.47	1.46
09 29 10 00-0076	LF			5/8" Aluminum Extrusions, Edge Trim For Gypsum Board.....	4.71	1.46
09 29 10 00-0077	LF			1" Aluminum Extrusions, Edge Trim For Gypsum Board.....	5.45	1.62
09 29 10 00-0078	LF			1-1/4" Aluminum Extrusions, Edge Trim For Gypsum Board.....	5.72	1.76
09 29 10 00-0079	LF			1/2" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board.....	7.44	1.46
09 29 10 00-0080	LF			5/8" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board.....	7.68	1.46
09 29 10 00-0081	LF			1" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board.....	8.41	1.62
09 29 10 00-0082	LF			1-1/4" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board.....	8.69	1.76
09 29 10 00-0083				<b>Bevel Trim For Gypsum Board</b> <small>(09 29 10 00-0052)</small>		
09 29 10 00-0084	LF			5/16" x 1/4" Aluminum Extrusions, Bevel Trim For Gypsum Board.....	4.71	1.46
09 29 10 00-0085	LF			5/8" x 5/8" Aluminum Extrusions, Bevel Trim For Gypsum Board.....	5.36	1.62
09 29 10 00-0086				<b>Trim/Wainscot Caps For Gypsum Board</b> <small>(09 29 10 00-0052)</small>		
09 29 10 00-0087	LF			1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap For Gypsum Board.....	6.23	1.76
09 29 10 00-0088				<b>Single Fin Wall/Trim Reveals For Gypsum Board</b> <small>(09 29 10 00-0052)</small>		
09 29 10 00-0089	LF			1/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	4.23	0.94
09 29 10 00-0090	LF			1/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	4.37	1.06
09 29 10 00-0091	LF			3/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.05	1.17
09 29 10 00-0092	LF			1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.39	1.29
09 29 10 00-0093	LF			5/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.70	1.41
09 29 10 00-0094	LF			3/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.79	1.41
09 29 10 00-0095	LF			1" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	6.05	1.41
09 29 10 00-0096	LF			1-1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	6.56	1.41
09 29 10 00-0097	LF			2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	6.74	1.41
09 29 10 00-0098	LF			1/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.51	1.53
09 29 10 00-0099	LF			1/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.57	1.53

**09 Finishes****09 20 Plaster and Gypsum Board****09 29 Gypsum Board**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0100	LF		3/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.90	1.53
09 29 10 00-0101	LF		1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	6.05	1.53
09 29 10 00-0102	LF		5/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	6.17	1.53
09 29 10 00-0103	LF		3/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	6.31	1.53
09 29 10 00-0104	LF		1" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	6.52	1.53
09 29 10 00-0105	LF		1-1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.06	1.53
09 29 10 00-0106	LF		2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.50	1.53
09 29 10 00-0107	LF		3" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	8.92	1.53
09 29 10 00-0108	LF		4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	11.65	1.53
09 29 10 00-0109	LF		3-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	8.39	1.53
09 29 10 00-0110	LF		3-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	8.63	1.53
09 29 10 00-0111	LF		4-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	9.43	1.53
09 29 10 00-0112	LF		4-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	9.52	1.53
09 29 10 00-0113	LF		9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Single Fin Wall Base With Reveal For Gypsum Board.....	10.67	1.53
09 29 10 00-0114	LF		5/8" Aluminum Extrusions, Single Fin Wall/Trim Reveal Hanging Track For Gypsum Board.....	8.95	1.53
<b>09 29 10 00-0115</b>			<b>'V' Groove Wall Reveals For Gypsum Board (09 29 10 00-0052)</b>		
09 29 10 00-0116	LF		1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	7.01	2.10
09 29 10 00-0117	LF		3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	8.05	2.35
09 29 10 00-0118	LF		1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	9.19	2.81
09 29 10 00-0119	LF		9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	9.48	3.05
<b>09 29 10 00-0120</b>			<b>Double Fin Wall Reveals For Gypsum Board (09 29 10 00-0052)</b>		
09 29 10 00-0121	LF		3/8" x 3/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.17	1.41
09 29 10 00-0122	LF		1/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.23	1.41
09 29 10 00-0123	LF		1/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.29	1.41
09 29 10 00-0124	LF		3/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.29	1.41
09 29 10 00-0125	LF		1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.56	1.41
09 29 10 00-0126	LF		5/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.68	1.39
09 29 10 00-0127	LF		3/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.80	1.41
09 29 10 00-0128	LF		1" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	7.06	1.41
09 29 10 00-0129	LF		1-1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	7.51	1.41
09 29 10 00-0130	LF		2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	7.98	1.41
09 29 10 00-0131	LF		3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.55	1.53
09 29 10 00-0132	LF		1/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.61	1.53
09 29 10 00-0133	LF		3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	6.73	1.53
09 29 10 00-0134	LF		1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	7.00	1.53
09 29 10 00-0135	LF		5/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	7.11	1.53
09 29 10 00-0136	LF		3/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	7.20	1.53
09 29 10 00-0137	LF		1" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	7.50	1.53
09 29 10 00-0138	LF		1-1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	7.98	1.53
09 29 10 00-0139	LF		2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.45	1.53
09 29 10 00-0140	LF		3" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	9.73	1.53
09 29 10 00-0141	LF		4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	12.40	1.53
09 29 10 00-0142	LF		1-1/2" x 1" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	11.34	1.66
09 29 10 00-0143	LF		3/4" x 1 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	13.00	2.03
09 29 10 00-0144	LF		1-1/2" x 1-1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	13.39	2.03
09 29 10 00-0145	LF		1/2", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board.....	10.24	1.39
09 29 10 00-0146	LF		1 3/16", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board.....	10.00	2.03
09 29 10 00-0147	LF		1/4" Aluminum Extrusions, Double Fin Wall Covering Joiner For Gypsum Board.....	7.15	1.39
<b>09 29 10 00-0148</b>			<b>Special Conditions Reveals For Gypsum Board (09 29 10 00-0052)</b>		
<b>09 29 10 00-0149</b>			<b>Radius Conditions (09 29 10 00-0148)</b>		
09 29 10 00-0150	EA		8' Long Inside Radius For Gypsum Board.....	74.17	
			Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.		
09 29 10 00-0151	EA		8' Long Outside Radius For Gypsum Board.....	74.17	
			Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.		
09 29 10 00-0152	EA		8' Long Circular / Arched Radius For Gypsum Board.....	74.17	
			Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.		
<b>09 29 10 00-0153</b>			<b>Knee Brace Kit (09 29 10 00-0148)</b>		
09 29 10 00-0154	EA		46" H, Aluminum Extrusions, Knee Brace Kit For Gypsum Board.....	171.68	14.63
<b>09 29 10 00-0155</b>			<b>Wall Bumper Rail (09 29 10 00-0148)</b>		
09 29 10 00-0156	LF		2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail For Gypsum Board.....	26.54	5.86
<b>09 29 10 00-0157</b>			<b>Corners For Gypsum Board (09 29 10 00-0052)</b>		
09 29 10 00-0158	LF		1/2"R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	5.79	1.41
09 29 10 00-0159	LF		5/8"R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	6.19	1.53
09 29 10 00-0160	LF		3/4"R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	6.80	1.59
09 29 10 00-0161	LF		1"R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	7.51	1.66
09 29 10 00-0162	LF		1-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	9.11	2.03
09 29 10 00-0163	LF		2" R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	10.51	2.28





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0164	LF			2-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	12.64	2.62
09 29 10 00-0165	LF			3" R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	15.27	3.05
09 29 10 00-0166	LF			4" R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	20.89	4.07
09 29 10 00-0167	LF			90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board.....	5.74	1.36
09 29 10 00-0168	LF			90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board.....	10.07	1.83
09 29 10 00-0169	LF			90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner For Gypsum Board.....	7.61	1.83
09 29 10 00-0170	LF			90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal For Gypsum Board.....	12.68	1.83
09 29 10 00-0171	LF			45 Degree 2" Aluminum Extrusions, Corner For Gypsum Board.....	17.81	2.28
09 29 10 00-0172	LF			60 Degree 2" Aluminum Extrusions, Corner For Gypsum Board.....	17.16	2.28
09 29 10 00-0173	LF			3/4" Aluminum Extrusions, Chamfered Corner For Gypsum Board.....	5.82	1.59
09 29 10 00-0174	LF			5/8" R, Aluminum Extrusions, Corners Return For Gypsum Board.....	5.81	1.53
09 29 10 00-0175	LF			1/2" x 1/2" Aluminum Extrusions, Double Corner Step For Gypsum Board.....	5.76	1.41
09 29 10 00-0176	LF			5/8" x 5/8" Aluminum Extrusions, Double Corner Step For Gypsum Board.....	6.08	1.53
09 29 10 00-0177	LF			1" x 1" Aluminum Extrusions, Double Corner Step For Gypsum Board.....	7.90	1.66
09 29 10 00-0178	LF			1/2" x 1/2" Aluminum Extrusions, Triple Corner Step For Gypsum Board.....	6.91	1.41
09 29 10 00-0179	LF			5/8" x 5/8" Aluminum Extrusions, Triple Corner Step For Gypsum Board.....	7.32	1.53
09 29 10 00-0180	LF			1" x 1" Aluminum Extrusions, Triple Corner Step For Gypsum Board.....	10.33	1.66
09 29 10 00-0181	LF			1/3" x 1/2" Aluminum Extrusions, Quad Corner Step For Gypsum Board.....	11.07	1.41
09 29 10 00-0182	LF			3" Aluminum Extrusions, Bullnose For Gypsum Board.....	19.45	3.05
09 29 10 00-0183	LF			3-7/8" Aluminum Extrusions, Bullnose For Gypsum Board.....	20.64	3.05
09 29 10 00-0184	LF			5-3/8", Aluminum Extrusions, Bullnose For Gypsum Board.....	37.81	5.08
09 29 10 00-0185	LF			7-3/8", Aluminum Extrusions, Bullnose For Gypsum Board.....	61.87	7.20
09 29 10 00-0186	LF			3/4" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	6.83	1.57
09 29 10 00-0187	LF			1" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	7.69	1.64
09 29 10 00-0188	LF			1-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	9.26	2.00
09 29 10 00-0189	LF			2"R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	11.23	2.25
09 29 10 00-0190	LF			2-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	15.46	2.58
09 29 10 00-0191	LF			3"R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	16.87	3.01
09 29 10 00-0192	LF			4" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	19.58	4.00
09 29 10 00-0193	LF			3-5/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board.....	12.78	3.01
09 29 10 00-0194	LF			3-7/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board.....	12.92	3.01
09 29 10 00-0195	LF			4-3/4", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board.....	13.87	3.01
09 29 10 00-0196	LF			5", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board.....	14.17	3.01

**09 29 82 Gypsum Board Fire Protection (09 29)**

09 29 82 00-0001	SF			Shaft Wall (09 29 82) See CSI section 09 29 10 00-0036 for finishing drywall.		
09 29 82 00-0002	SF			3/4" Fire Rated Shaft Wall Assembly.....	7.59	2.93
				Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure.		
				For Horizontal Installation Up To 10' High, Add	1.99	
				For Horizontal Installation >10' High, Add	2.93	
				For Walls >10' High, Add	0.47	
				For Up To 128, Add	2.69	
				For >128 To 320, Add	1.64	
				For >1,536, Deduct	-0.55	
09 29 82 00-0003	SF			7/8" Fire Rated Shaft Wall Assembly.....	8.79	3.51
				Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure.		
				For Horizontal Installation Up To 10' High, Add	2.39	
				For Horizontal Installation >10' High, Add	3.52	
				For Walls >10' High, Add	0.56	
				For Up To 128, Add	3.16	
				For >128 To 320, Add	1.93	
				For >1,536, Deduct	-0.62	
09 29 82 00-0004	SF			2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly.....	7.03	2.26
				Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
				For Horizontal Installation Up To 10' High, Add	1.53	
				For Horizontal Installation >10' High, Add	2.26	
				For Walls >10' High, Add	0.36	
				For Up To 128, Add	2.31	
				For >128 To 320, Add	1.38	
				For Glass Mat Surfaces, Add	0.24	
09 29 82 00-0005	SF			4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly.....	7.55	2.37
				Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
				For Horizontal Installation Up To 10' High, Add	1.61	
				For Horizontal Installation >10' High, Add	2.37	
				For Walls >10' High, Add	0.38	
				For Up To 128, Add	2.46	
				For >128 To 320, Add	1.46	
				For Glass Mat Surfaces, Add	0.24	
09 29 82 00-0006	SF			2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly.....	8.33	2.37
				Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
				For Horizontal Installation Up To 10' High, Add	1.61	
				For Horizontal Installation >10' High, Add	2.37	
				For Walls >10' High, Add	0.38	
				For Up To 128, Add	2.61	
				For >128 To 320, Add	1.54	
				For Glass Mat Surfaces, Add	0.24	

09	<b>09 Finishes</b>
	<b>09 20 Plaster and Gypsum Board</b>
	<b>09 29 Gypsum Board</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 82 00-0007 SF 4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly .....	8.87	2.49
Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
For Horizontal Installation Up To 10' High, Add	1.69	
For Horizontal Installation >10' High, Add	2.48	
For Walls >10' High, Add	0.40	
For Up To 128, Add	2.77	
For >128 To 320, Add	1.63	
For Glass Mat Surfaces, Add	0.24	

**09 30 Tiling** (09)

Note: All tiles are standard grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods. Includes initial wax and seal.

**09 30 13 Ceramic Tiling** (09 30)

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

**09 30 13 00-0001 Ceramic Tiling** (09 30 13)

09 30 13 00-0002 SF 2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Floor Tile .....	14.66	2.92
Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
For Up To 50, Add	8.03	
For >50 To 250, Add	1.16	
For >1,000, Deduct	-0.58	
For High-Modulus, High-Strength Epoxy Grout, Add	1.14	
For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	1.28	
09 30 13 00-0003 SF Less Than 8" x 8", Mounted, Floor Tile .....	13.87	2.92
Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
For Up To 50, Add	7.83	
For >50 To 250, Add	1.16	
For >1,000, Deduct	-0.58	
For High-Modulus, High-Strength Epoxy Grout, Add	1.14	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	1.28	
09 30 13 00-0004 SF 8" x 8" And Larger Unmounted Floor Tile .....	15.33	1.82
Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
For Up To 50, Add	9.29	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	1.50	
09 30 13 00-0005 SF 2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Wall Tile .....	15.90	3.53
Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
For Up To 50, Add	9.27	
For >50 To 250, Add	1.41	
For >1,000, Deduct	-0.71	
For High-Modulus, High-Strength Epoxy Grout, Add	1.33	
For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	1.47	
09 30 13 00-0006 SF Less than 8" x 8" Mounted Wall Tile .....	15.11	3.53
Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
For Up To 50, Add	9.07	
For >50 To 250, Add	1.41	
For >1,000, Deduct	-0.71	
For High-Modulus, High-Strength Epoxy Grout, Add	1.33	
For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	1.47	
09 30 13 00-0007 SF 8" x 8" And Larger Unmounted Wall Tile .....	16.99	2.24
Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
For Up To 50, Add	10.95	
For >50 To 250, Add	1.79	
For >1,000, Deduct	-0.89	
For High-Modulus, High-Strength Epoxy Grout, Add	1.61	
For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	1.75	
09 30 13 00-0008 SF Less than 8" x 8" Mounted Ceiling Tile .....	20.29	6.12
Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
For High-Modulus, High-Strength Epoxy Grout, Add	2.11	
For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	2.25	
For Up To 50, Add	14.25	
For >50 To 250, Add	2.45	
For >1,000, Deduct	-1.22	
09 30 13 00-0009 SF 8" x 8" And Larger Unmounted Ceiling Tile .....	22.74	3.67
Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
For High-Modulus, High-Strength Epoxy Grout, Add	2.47	
For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	2.61	
For Up To 50, Add	16.70	
For >50 To 250, Add	2.94	
For >1,000, Deduct	-1.47	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Tiling	09 30	
Ceramic Tiling	09 30 13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 13 00-0010	LF		4-1/4" To 4-1/2" High, Cove Base Or Trim..... Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. <i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	12.19 1.66 1.73	2.55
09 30 13 00-0011	LF		6" High x 12" Long, Unpolished Ceramic Cove Base (Daltile Portfolio) ..... <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	18.00 1.66 1.73	2.55
09 30 13 00-0012	LF		6" High x 24" Long, Unpolished Ceramic Cove Base (Daltile Portfolio) ..... <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	20.11 1.66 1.73	2.55
09 30 13 00-0013	EA		6" High, Unpolished Ceramic Cove Base Outer Corner.....	15.26	0.56
<b>09 30 13 00-0014 Residential Ceramic Tiling (09 30 13)</b>					
09 30 13 00-0015	SF		Mounted Floor Tile, Residential Grade ..... Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets. <i>For Up To 50, Add</i> <i>For &gt;50 To 250, Add</i> <i>For &gt;1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	10.89 7.09 1.16 -0.58 1.14	2.92
09 30 13 00-0016	SF		Mounted Wall Tile, Residential Grade ..... Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets. <i>For Up To 50, Add</i> <i>For &gt;50 To 250, Add</i> <i>For &gt;1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	12.13 8.33 1.41 -0.71 1.33	3.53
09 30 13 00-0017	SF		2" x 2" x 1/4" Thick, Unpolished Ceramic Mounted Floor Tile, Residential Grade ..... Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets. <i>For Up To 50, Add</i> <i>For &gt;50 To 250, Add</i> <i>For &gt;1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	10.56 7.01 1.16 -0.58 1.14	2.92
<b>09 30 16 Quarry Tiling (09 30)</b>					
Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.					
09 30 16 00-0001	SF		Unglazed Quarry Floor Tile..... Note: With or without embedded abrasive grit. <i>For Up To 50, Add</i> <i>For &gt;50 To 250, Add</i> <i>For &gt;1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	10.89 8.84 1.63 -0.82 1.49 1.63	2.05
09 30 16 00-0002	SF		Glazed Quarry Floor Tile..... <i>For Up To 50, Add</i> <i>For &gt;50 To 250, Add</i> <i>For &gt;1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	19.16 10.91 1.63 -0.82 1.49 1.63	2.05
09 30 16 00-0003	SF		Unglazed Quarry Wall Tile..... Note: With or without embedded abrasive grit. <i>For Up To 50, Add</i> <i>For &gt;50 To 250, Add</i> <i>For &gt;1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	12.52 10.47 1.96 -0.98 1.74 1.88	2.42
09 30 16 00-0004	SF		Glazed Quarry Wall Tile..... <i>For Up To 50, Add</i> <i>For &gt;50 To 250, Add</i> <i>For &gt;1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	20.79 12.54 1.96 -0.98 1.74 1.88	2.42
09 30 16 00-0005	LF		6" High Unglazed Quarry Tile Cove Base Or Trim..... <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	14.98 1.75 1.82	2.69
09 30 16 00-0006	LF		6" High Glazed Quarry Tile Cove Base Or Trim ..... <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	28.53 1.75 1.82	2.69
<b>09 30 33 Stone Tiling (09 30)</b>					
Note: Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.					
<b>09 30 33 00-0001 Marble Floor Tile (09 30 33)</b>					
09 30 33 00-0002	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cherry Blossom"..... <i>For Up To 50, Add</i> <i>For &gt;50 To 250, Add</i> <i>For &gt;1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	12.76 8.65 1.46 -0.73 1.36 1.00	1.82

**09 Finishes**

**09 30 Tiling**

**09 30 33 Stone Tiling**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0003	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Laurent Brown" .....	13.27	1.82
			<i>For Up To 50, Add</i>	8.78	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0004	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Temple Gray" .....	13.54	1.82
			<i>For Up To 50, Add</i>	8.85	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0005	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Cafe" .....	13.66	1.82
			<i>For Up To 50, Add</i>	8.88	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0006	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "China Black" .....	13.74	1.82
			<i>For Up To 50, Add</i>	8.90	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0007	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Sea Grass Honed" .....	13.86	1.82
			<i>For Up To 50, Add</i>	8.93	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0008	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Gris Magma or Gris Nebula" .....	14.13	1.82
			<i>For Up To 50, Add</i>	8.99	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0009	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Dark Green" .....	15.91	1.82
			<i>For Up To 50, Add</i>	9.44	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0010	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cappuccino Light" .....	16.11	1.82
			<i>For Up To 50, Add</i>	9.49	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0011	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Cream" .....	16.48	1.82
			<i>For Up To 50, Add</i>	9.58	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0012	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Classic" .....	16.89	1.82
			<i>For Up To 50, Add</i>	9.68	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0013	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato Carrara" .....	17.18	1.82
			<i>For Up To 50, Add</i>	9.76	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0014	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Giallo Crystal Onyx" .....	18.16	1.82
			<i>For Up To 50, Add</i>	10.00	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0015	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cafe Forest or Rain Forest" .....	20.00	1.82
			<i>For Up To 50, Add</i>	10.46	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0016	SF		12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato" .....	20.12	1.82
			<i>For Up To 50, Add</i>	10.49	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Tiling	09 30	
Stone Tiling	09 30 33	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0017 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Carrara White".....	21.49	1.82
For Up To 50, Add	10.83	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0018 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Select Or Sahara Gold".....	21.96	1.82
For Up To 50, Add	10.95	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0019 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Fiorito Or Michelangelo".....	22.16	1.82
For Up To 50, Add	11.00	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0020 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Antique".....	22.47	1.82
For Up To 50, Add	11.08	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0021 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Dark Or Super Thassos Glass".....	25.01	1.82
For Up To 50, Add	11.71	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0022 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Rosa Verona".....	26.46	1.82
For Up To 50, Add	12.08	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0023 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Rojo Alicante".....	26.85	1.82
For Up To 50, Add	12.17	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0024 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Light".....	27.05	1.82
For Up To 50, Add	12.22	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
<b>09 30 33 00-0025 Granite Floor Tile</b> <small>(09 30 33)</small>		
09 30 33 00-0026 SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Crystal Gray".....	11.39	1.82
For Up To 50, Add	8.31	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0027 SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Peach Flower".....	12.37	1.82
For Up To 50, Add	8.55	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0028 SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Golden Yellow".....	13.15	1.82
For Up To 50, Add	8.75	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0029 SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Absolute Black".....	16.28	1.82
For Up To 50, Add	9.53	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0030 SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tan Brown".....	16.89	1.82
For Up To 50, Add	9.68	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	

**09 Finishes**

**09 30 Tiling**

**09 30 33 Stone Tiling**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0031	SF		12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Black Galaxy" .....	17.46	1.82
			<i>For Up To 50, Add</i>	9.83	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0032	SF		12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Kashmir White Or Gold" .....	18.05	1.82
			<i>For Up To 50, Add</i>	9.97	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0033	SF		12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Giallo Santa Cecelia" .....	18.75	1.82
			<i>For Up To 50, Add</i>	10.15	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0034	SF		12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Verde UbaTuba" .....	19.42	1.82
			<i>For Up To 50, Add</i>	10.32	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0035	SF		12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "New Venetian Gold" .....	20.12	1.82
			<i>For Up To 50, Add</i>	10.49	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0036	SF		12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tropic Brown" .....	20.79	1.82
			<i>For Up To 50, Add</i>	10.66	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0037	SF		12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Baltic Brown Or Indian Dakota" .....	21.57	1.82
			<i>For Up To 50, Add</i>	10.85	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0038	SF		12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Dynamic Blue" .....	22.35	1.82
			<i>For Up To 50, Add</i>	11.05	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0039	SF		12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Blue Pearl Or Emerald Pearl" .....	25.09	1.82
			<i>For Up To 50, Add</i>	11.73	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
<b>09 30 33 00-0040</b>			<b>Slate Floor Tile</b> <small>(09 30 33)</small>		
09 30 33 00-0041	SF		12" x 12" And Larger Unmounted Slate Floor Tile, "Raja Classic" .....	10.22	1.82
			<i>For Up To 50, Add</i>	8.02	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0042	SF		12" x 12" And Larger Unmounted Slate Floor Tile, "Rustic Gold" .....	10.73	1.82
			<i>For Up To 50, Add</i>	8.14	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0043	SF		12" x 12" And Larger Unmounted Slate Floor Tile, "California Gold Or Black Rust" .....	11.00	1.82
			<i>For Up To 50, Add</i>	8.21	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0044	SF		12" x 12" And Larger Unmounted Slate Floor Tile, "Indian Autumn" .....	11.00	1.82
			<i>For Up To 50, Add</i>	8.21	
			<i>For &gt;50 To 250, Add</i>	1.46	
			<i>For &gt;1,000, Deduct</i>	-0.73	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.36	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Tiling	09 30	
Stone Tiling	09 30 33	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0045 SF 12" x 12" And Larger Unmounted Slate Floor Tile, "China Multi, Earth, Or Autumn Blend".....	11.20	1.82
For Up To 50, Add	8.26	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0046 SF 12" x 12" And Larger Unmounted Slate Floor Tile, "Lilac Kashmir Or Madras Yellow".....	11.78	1.82
For Up To 50, Add	8.41	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0047 SF 12" x 12" And Larger Unmounted Slate Floor Tile, "Montauk Blue, Copper Quartzite, Montauk Black, San Rio Rustic, Or Gold Green Quartzite".....	12.37	1.82
For Up To 50, Add	8.55	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0048 SF 12" x 12" And Larger Unmounted Slate Floor Tile, "Ocean Green Quartzite Or Golden White Quartzite".....	12.57	1.82
For Up To 50, Add	8.60	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
<b>09 30 33 00-0049 Travertine Floor Tile (09 30 33)</b>		
09 30 33 00-0050 SF 12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Noce Rustic".....	12.37	1.82
For Up To 50, Add	8.55	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0051 SF 12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Denizli Beige Or Oasis Walnut".....	12.96	1.82
For Up To 50, Add	8.70	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0052 SF 12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Oasis Gold".....	13.35	1.82
For Up To 50, Add	8.80	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0053 SF 12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Navona Light - Ivory".....	13.94	1.82
For Up To 50, Add	8.95	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0054 SF 12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Oasis Noce".....	14.13	1.82
For Up To 50, Add	8.99	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0055 SF 12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Durango Antique".....	14.33	1.82
For Up To 50, Add	9.04	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0056 SF 12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Durango Cream".....	16.21	1.82
For Up To 50, Add	9.51	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
<b>09 30 33 00-0057 Limestone Floor Tile (09 30 33)</b>		
09 30 33 00-0058 SF 12" x 12" And Larger Unmounted Limestone Floor Tile, "Isis Gold".....	16.09	1.82
For Up To 50, Add	9.48	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0059 SF 12" x 12" And Larger Unmounted Limestone Floor Tile, "Tiara Beige".....	16.68	1.82
For Up To 50, Add	9.63	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	

<b>09</b>	<b>09 Finishes</b>
	<b>09 30 Tiling</b>
	<b>09 30 33 Stone Tiling</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0060 SF 12" x 12" And Larger Unmounted Limestone Floor Tile, "Halila Cream".....	19.73	1.82
For Up To 50, Add	10.39	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0061 SF 12" x 12" And Larger Unmounted Limestone Floor Tile, "Ramon Gold".....	21.57	1.82
For Up To 50, Add	10.85	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0062 SF 12" x 12" And Larger Unmounted Limestone Floor Tile, "Chestnut Brown Or Jerusalem Bone".....	21.57	1.82
For Up To 50, Add	10.85	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0063 SF 12" x 12" And Larger Unmounted Limestone Floor Tile, "Lagos Blue".....	22.16	1.82
For Up To 50, Add	11.00	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0064 SF 12" x 12" And Larger Unmounted Limestone Floor Tile, "Jura Gray".....	24.31	1.82
For Up To 50, Add	11.54	
For >50 To 250, Add	1.46	
For >1,000, Deduct	-0.73	
For High-Modulus, High-Strength Epoxy Grout, Add	1.36	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	

### 09 31 Thin-Set Tiling (09 30)

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

#### 09 31 13 Thin-Set Ceramic Tiling (09 31)

##### 09 31 13 00-0001 Thin-Set Ceramic Tiling (09 31 13)

09 31 13 00-0002 SF Thin Set - Latex Portland Cement Mortar .....	1.81	0.97
For Up To 50, Add	1.55	
For >50 To 250, Add	0.29	
For >1,000, Deduct	-0.15	
09 31 13 00-0003 SF Clean And Scarify Existing Tile For Installation Of New Tile Over Existing.....	0.93	
For Up To 50, Add	0.93	
For >50 To 250, Add	0.19	
For >1,000, Deduct	-0.09	

### 09 32 Mortar-Bed Tiling (09 30)

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

#### 09 32 13 Mortar-Bed Ceramic Tiling (09 32)

##### 09 32 13 00-0001 Mortar-Bed Ceramic Tiling (09 32 13)

09 32 13 00-0002 SF 3/4" Minimum Thickness Portland Cement Mortar Setting Bed .....	4.46	1.94
Note: For residential floors. Includes 15 LB felt and wire reinforcement.		
For Up To 50, Add	3.30	
For >50 To 250, Add	0.58	
For >1,000, Deduct	-0.29	
For Exterior Installation (Galvanized Reinforcement), Add	0.15	
09 32 13 00-0003 SF 1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed .....	6.58	2.59
Note: For commercial floors. Includes 15 LB felt and wire reinforcement.		
For Up To 50, Add	4.56	
For >50 To 250, Add	0.78	
For >1,000, Deduct	-0.39	
For Exterior Installation (Galvanized Reinforcement), Add	0.15	
09 32 13 00-0004 SF 3/4" Portland Cement Plaster Scratch Coat for Walls.....	13.77	5.82
Note: Includes 15 LB felt and expanded metal lath.		
For Up To 50, Add	12.19	
For >50 To 250, Add	2.33	
For >1,000, Deduct	-1.17	
For Exterior Installation (Galvanized Reinforcement), Add	0.15	
For Installation Without Felt And Metal Lath, Deduct	-2.14	

### 09 34 Waterproofing-Membrane Tiling (09 30)

#### 09 34 00 00-0001 Bonded Waterproofing System for Tiled Showers, Steam Showers, and Bathtub Surrounds (09 34)

#### 09 34 00 00-0002 Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower ST) (09 34 00 00-0001)

Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.





<b>Finishes</b>	<b>09</b>	
Tiling	09 30	09
Waterproofing-Membrane Tiling	09 34	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 34 00 00-0003	EA		48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC).....	1,178.78	
09 34 00 00-0004	EA		32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC).....	1,358.79	
09 34 00 00-0005	EA		72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC).....	2,001.82	
<b>09 34 00 00-0006</b>			<b>Prefabricated Polystyrene Shower Curbs And Ramps</b> (09 34 00 00-0001)		
			Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.		
09 34 00 00-0007	EA		15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122).....	143.22	
09 34 00 00-0008	EA		4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122) .....	135.78	
<b>09 34 00 00-0009</b>			<b>Prefabricated Polystyrene Shower Benches</b> (09 34 00 00-0001)		
			Note: Prefabricated shower bench for tiling over. Excludes tile.		
09 34 00 00-0010	EA		16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41).....	285.71	
09 34 00 00-0011	EA		32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181).....	570.10	
09 34 00 00-0012	EA		48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122).....	702.81	
09 34 00 00-0013	EA		32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981).....	513.22	
09 34 00 00-0014	EA		42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107).....	570.10	
09 34 00 00-0015	EA		48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122).....	608.01	
<b>09 34 00 00-0016</b>			<b>Prefabricated Polystyrene Shower Tray</b> (09 34 00 00-0001)		
			Note: Prefabricated shower tray for tiling over. Excludes tile.		
09 34 00 00-0017	EA		32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152) .....	247.49	
09 34 00 00-0018	EA		48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122) .....	247.49	
09 34 00 00-0019	EA		72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183) .....	380.20	
<b>09 34 00 00-0020</b>			<b>Waterproofing, Uncoupling And Vapor Management Membranes</b> (Schluter® DITRA) (09 34 00 00-0001)		
09 34 00 00-0021	SF		1/8" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA) .....	4.38	
09 34 00 00-0022	SF		5/16" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL).....	5.04	
<b>09 34 00 00-0023</b>			<b>Bonded Waterproof Underlayment Membranes (Schluter® KERDI)</b> (09 34 00 00-0001)		
09 34 00 00-0024	SF		0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI 200/5M).....	3.87	
<b>09 35</b>			<b>Chemical-Resistant Tiling</b> (09 30)		
			Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.		
<b>09 35 13</b>			<b>Chemical-Resistant Ceramic Tiling</b> (09 35)		
<b>09 35 13 00-0001</b>			<b>Chemical-Resistant Ceramic Tiling</b> (09 35 13)		
09 35 13 00-0002	SF		Thin Set - Epoxy Mortar.....	5.12	1.28
			Note: Impact and chemical resistant.		
			For Up To 50, Add	2.74	
			For >50 To 250, Add	0.39	
			For >1,000, Deduct	-0.19	
<b>09 39</b>			<b>Tiling Transitions</b> (09 30)		
<b>09 39 00 00-0001</b>			<b>Tile Waterproofing And Crack Prevention</b> (09 39)		
09 39 00 00-0002	CSF		30 Mil Waterproofing And Crack Prevention Membrane; RedGard .....	105.29	
<b>09 39 00 00-0003</b>			<b>Waterproof Strip Membranes (Schluter® KERDI)</b> (09 39)		
09 39 00 00-0004	LF		5" Wide, 4 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI BAND).....	4.89	
09 39 00 00-0005	LF		10" Wide, 12 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI FLEX) .....	9.94	
<b>09 39 00 00-0006</b>			<b>Coved Shaped Transition Profiles For Floor To Wall For Tile</b> (09 39)		
09 39 00 00-0007	LF		5/16" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK) .....	6.53	
09 39 00 00-0008	LF		3/8" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK).....	6.51	
09 39 00 00-0009	LF		1/2" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK).....	6.75	
09 39 00 00-0010	LF		5/16" Height, PVC Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK) .....	6.22	
09 39 00 00-0011	LF		3/8" Height, Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK).....	6.46	
<b>09 39 00 00-0012</b>			<b>Coved Shaped Inside Edge Protection And Transition Profiles For Wall To Wall For Tile</b> (09 39)		
09 39 00 00-0013	LF		9/32" x 9/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK).....	13.22	
09 39 00 00-0014	LF		11/32" x 11/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK).....	13.59	
09 39 00 00-0015	LF		7/16" x 7/16" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK).....	14.00	

<b>09</b>	<b>09 Finishes</b>
	<b>09 30 Tiling</b>
	<b>09 39 Tiling Transitions</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>09 39 00 00-0016</b>	<b>Tile Substrate (Schluter® KERDI BOARD) (09 39)</b>		
09 39 00 00-0017	SF 1/2" Tile Substrate And Building Panel (Schluter® KERDI BOARD) .....	7.98	0.82
09 39 00 00-0018	SF 5/8" Tile Substrate And Building Panel (Schluter® KERDI BOARD) .....	8.99	0.94

<b>09 39 00 00-0019</b>	<b>Floor Edge Protection And Transition Profiles For Tile (09 39)</b>		
09 39 00 00-0020	LF 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE) .....	3.51	
09 39 00 00-0021	LF 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE) .....	3.61	
09 39 00 00-0022	LF 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE) .....	3.72	
09 39 00 00-0023	LF 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE) .....	3.89	
09 39 00 00-0024	LF 1/4" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS) .....	4.59	
09 39 00 00-0025	LF 5/16" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS) .....	4.73	
09 39 00 00-0026	LF 3/8" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS) .....	4.83	
09 39 00 00-0027	LF 1/2" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS) .....	4.94	
09 39 00 00-0028	LF 9/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T) .....	3.67	
09 39 00 00-0029	LF 1" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T) .....	4.94	
09 39 00 00-0030	LF 1/4" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) .....	4.61	
09 39 00 00-0031	LF 5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) .....	4.84	
09 39 00 00-0032	LF 3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) .....	5.06	
09 39 00 00-0033	LF 1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) .....	6.07	
09 39 00 00-0034	LF 5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U) .....	4.76	
09 39 00 00-0035	LF 3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U) .....	4.99	
09 39 00 00-0036	LF 1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U) .....	6.00	

<b>09 39 00 00-0037</b>	<b>Outside Wall Edge Protection And Transition Profiles For Tile (09 39)</b>		
09 39 00 00-0038	LF 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) .....	4.74	
09 39 00 00-0039	LF 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) .....	4.98	
09 39 00 00-0040	LF 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) .....	5.33	
09 39 00 00-0041	LF 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) .....	5.68	
09 39 00 00-0042	LF 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) .....	5.22	
09 39 00 00-0043	LF 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) .....	5.67	
09 39 00 00-0044	LF 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) .....	6.12	
09 39 00 00-0045	LF 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) .....	6.90	

**09 50 Ceilings (09)**

Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.

**09 51 Acoustical Ceilings (09 50)**

Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.

**09 51 13 Acoustical Panel Ceilings (09 51)**

Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.

**09 51 13 00-0001 Fiberglass Panels (09 51 13)**

**09 51 13 00-0002 Fiberglass Acoustical Panels (09 51 13 00-0001)**

09 51 13 00-0003	SF 2' x 2' x 3/4" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3150) .....	6.31	0.47
	For Up To 50, Add	1.55	
	For >50 To 200, Add	0.94	
	For >200 To 500, Add	0.39	
	For >2,500 To 4,000, Deduct	-0.13	
	For >4,000 To 5,000, Deduct	-0.22	
	For >5,000, Deduct	-0.34	
	For Individual Room Quantities <495, Add	0.94	
	Note: For use with projects >500 SF		
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0004	SF 2' x 4' x 3/4" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3151) .....	6.52	0.47
	For Up To 50, Add	1.59	
	For >50 To 200, Add	0.96	
	For >200 To 500, Add	0.40	
	For >2,500 To 4,000, Deduct	-0.14	
	For >4,000 To 5,000, Deduct	-0.23	
	For >5,000, Deduct	-0.35	
	For Individual Room Quantities <495, Add	0.96	
	Note: For use with projects >500 SF		
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0005	SF 2' x 2' x 1" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3152) .....	7.05	0.58
	For Up To 50, Add	1.71	
	For >50 To 200, Add	1.03	
	For >200 To 500, Add	0.43	
	For >2,500 To 4,000, Deduct	-0.15	
	For >4,000 To 5,000, Deduct	-0.24	
	For >5,000, Deduct	-0.38	
	For Individual Room Quantities <495, Add	1.03	
	Note: For use with projects >500 SF		
	For Ceilings >10' High, Add	0.12	



	<b>Finishes</b>	<b>09</b>
	<b>Ceilings</b>	<b>09 50</b>
	<b>Acoustical Ceilings</b>	<b>09 51</b>

09

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0006	SF		2' x 4' x 1" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3153) .....	7.00	0.58
			<i>For Up To 50, Add</i>	1.71	
			<i>For &gt;50 To 200, Add</i>	1.03	
			<i>For &gt;200 To 500, Add</i>	0.43	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.15	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.24	
			<i>For &gt;5,000, Deduct</i>	-0.38	
			<i>For Individual Room Quantities &lt;495, Add</i>	1.03	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Ceilings &gt;10' High, Add</i>	0.12	
09 51 13 00-0007	SF		2' x 2' x 1" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™ 8372) .....	11.06	0.58
			<i>For Up To 50, Add</i>	2.32	
			<i>For &gt;50 To 200, Add</i>	1.43	
			<i>For &gt;200 To 500, Add</i>	0.64	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.23	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.36	
			<i>For &gt;5,000, Deduct</i>	-0.54	
			<i>For Individual Room Quantities &lt;495, Add</i>	1.43	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Ceilings &gt;10' High, Add</i>	0.12	
09 51 13 00-0008	SF		2' x 4' x 1" Thick, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™ 8373) .....	11.06	0.58
			<i>For Up To 50, Add</i>	2.32	
			<i>For &gt;50 To 200, Add</i>	1.43	
			<i>For &gt;200 To 500, Add</i>	0.64	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.23	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.36	
			<i>For &gt;5,000, Deduct</i>	-0.54	
			<i>For Individual Room Quantities &lt;495, Add</i>	1.43	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Ceilings &gt;10' High, Add</i>	0.12	
09 51 13 00-0009			<b>Mineral Fiber Panels</b> (09 51 13)		
09 51 13 00-0010			<b>Mineral Fiber Acoustical Ceiling Panels</b> (09 51 13 00-0009)		
			<i>Note: Includes square or tegular edge and class A fire rating.</i>		
09 51 13 00-0011	SF		2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured) .....	2.65	0.47
			<i>For Up To 50, Add</i>	1.01	
			<i>For &gt;50 To 200, Add</i>	0.57	
			<i>For &gt;200 To 500, Add</i>	0.21	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.06	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.11	
			<i>For &gt;5,000, Deduct</i>	-0.20	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.57	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Vertical Application, Add</i>	0.68	
			<i>For Ceilings &gt;10' High, Add</i>	0.11	
09 51 13 00-0012	SF		2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured) .....	2.47	0.47
			<i>For Up To 50, Add</i>	0.98	
			<i>For &gt;50 To 200, Add</i>	0.55	
			<i>For &gt;200 To 500, Add</i>	0.20	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.06	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.10	
			<i>For &gt;5,000, Deduct</i>	-0.19	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.55	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Vertical Application, Add</i>	0.68	
			<i>For Ceilings &gt;10' High, Add</i>	0.11	
09 51 13 00-0013	SF		2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™) .....	2.93	0.47
			<i>For Up To 50, Add</i>	1.05	
			<i>For &gt;50 To 200, Add</i>	0.60	
			<i>For &gt;200 To 500, Add</i>	0.22	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.07	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.12	
			<i>For &gt;5,000, Deduct</i>	-0.21	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.60	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Vertical Application, Add</i>	0.68	
			<i>For Ceilings &gt;10' High, Add</i>	0.11	
09 51 13 00-0014	SF		2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™) .....	2.84	0.47
			<i>For Up To 50, Add</i>	1.03	
			<i>For &gt;50 To 200, Add</i>	0.59	
			<i>For &gt;200 To 500, Add</i>	0.22	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.06	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.12	
			<i>For &gt;5,000, Deduct</i>	-0.20	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.59	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Vertical Application, Add</i>	0.68	
			<i>For Ceilings &gt;10' High, Add</i>	0.11	

## 09 Finishes

## 09 50 Ceilings

## 09 51 Acoustical Ceilings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0015	SF		2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune).....	4.24	0.47
			For Up To 50, Add	1.24	
			For >50 To 200, Add	0.73	
			For >200 To 500, Add	0.29	
			For >2,500 To 4,000, Deduct	-0.09	
			For >4,000 To 5,000, Deduct	-0.16	
			For >5,000, Deduct	-0.26	
			For Individual Room Quantities <495, Add	0.73	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.68	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0016	SF		2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune).....	3.42	0.47
			For Up To 50, Add	1.12	
			For >50 To 200, Add	0.65	
			For >200 To 500, Add	0.25	
			For >2,500 To 4,000, Deduct	-0.08	
			For >4,000 To 5,000, Deduct	-0.13	
			For >5,000, Deduct	-0.23	
			For Individual Room Quantities <495, Add	0.65	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.68	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0017	SF		2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	3.64	0.47
			For Up To 50, Add	1.15	
			For >50 To 200, Add	0.67	
			For >200 To 500, Add	0.26	
			For >2,500 To 4,000, Deduct	-0.08	
			For >4,000 To 5,000, Deduct	-0.14	
			For >5,000, Deduct	-0.24	
			For Individual Room Quantities <495, Add	0.67	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.68	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0018	SF		2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	3.26	0.47
			For Up To 50, Add	1.10	
			For >50 To 200, Add	0.63	
			For >200 To 500, Add	0.24	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.13	
			For >5,000, Deduct	-0.22	
			For Individual Room Quantities <495, Add	0.63	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.68	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0019	SF		2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®) .....	4.60	0.47
			For Up To 50, Add	1.30	
			For >50 To 200, Add	0.76	
			For >200 To 500, Add	0.31	
			For >2,500 To 4,000, Deduct	-0.10	
			For >4,000 To 5,000, Deduct	-0.17	
			For >5,000, Deduct	-0.28	
			For Individual Room Quantities <495, Add	0.76	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.68	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0020	SF		2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®) .....	4.59	0.47
			For Up To 50, Add	1.30	
			For >50 To 200, Add	0.76	
			For >200 To 500, Add	0.31	
			For >2,500 To 4,000, Deduct	-0.10	
			For >4,000 To 5,000, Deduct	-0.17	
			For >5,000, Deduct	-0.27	
			For Individual Room Quantities <495, Add	0.76	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.68	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0021	SF		2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™/High Washability) .....	6.06	0.47
			For Up To 50, Add	1.52	
			For >50 To 200, Add	0.91	
			For >200 To 500, Add	0.38	
			For >2,500 To 4,000, Deduct	-0.13	
			For >4,000 To 5,000, Deduct	-0.21	
			For >5,000, Deduct	-0.33	
			For Individual Room Quantities <495, Add	0.91	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.68	
			For Ceilings >10' High, Add	0.11	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Ceilings	09 50	
Acoustical Ceilings	09 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0022 SF 2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™/High Washability).....	6.62	0.47
For Up To 50, Add	1.60	
For >50 To 200, Add	0.97	
For >200 To 500, Add	0.41	
For >2,500 To 4,000, Deduct	-0.14	
For >4,000 To 5,000, Deduct	-0.23	
For >5,000, Deduct	-0.36	
For Individual Room Quantities <495, Add	0.97	
Note: For use with projects >500 SF		
For Vertical Application, Add	0.68	
For Ceilings >10' High, Add	0.11	
09 51 13 00-0023 SF 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL Perforated).....	5.81	0.47
For Up To 50, Add	1.48	
For >50 To 200, Add	0.89	
For >200 To 500, Add	0.37	
For >2,500 To 4,000, Deduct	-0.12	
For >4,000 To 5,000, Deduct	-0.20	
For >5,000, Deduct	-0.32	
For Individual Room Quantities <495, Add	0.89	
Note: For use with projects >500 SF		
For Vertical Application, Add	0.68	
For Ceilings >10' High, Add	0.11	
09 51 13 00-0024 SF 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL Perforated).....	5.78	0.47
For Up To 50, Add	1.48	
For >50 To 200, Add	0.88	
For >200 To 500, Add	0.37	
For >2,500 To 4,000, Deduct	-0.12	
For >4,000 To 5,000, Deduct	-0.20	
For >5,000, Deduct	-0.32	
For Individual Room Quantities <495, Add	0.88	
Note: For use with projects >500 SF		
For Vertical Application, Add	0.68	
For Ceilings >10' High, Add	0.11	
09 51 13 00-0025 SF 20" x 60" x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™2617).....	2.92	0.47
For Ceilings >10' High, Add	0.11	
09 51 13 00-0026 SF 20" x 60" x 5/8" Thick, Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™2627).....	3.21	0.47
For Ceilings >10' High, Add	0.11	
<b>09 51 13 00-0027 Wood Fiber Panels</b> <small>(09 51 13)</small>		
09 51 13 00-0028 SF 2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels.....	4.81	0.70
For Up To 50, Add	1.56	
For >50 To 200, Add	0.90	
For >200 To 500, Add	0.35	
For >2,500 To 4,000, Deduct	-0.11	
For >4,000 To 5,000, Deduct	-0.19	
For >5,000, Deduct	-0.32	
For Individual Room Quantities <495, Add	0.90	
Note: For use with projects >500 SF		
For Ceilings >10' High, Add	0.16	
09 51 13 00-0029 SF 2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels.....	4.59	0.70
For Up To 50, Add	1.44	
For >50 To 200, Add	0.83	
For >200 To 500, Add	0.32	
For >2,500 To 4,000, Deduct	-0.10	
For >4,000 To 5,000, Deduct	-0.18	
For >5,000, Deduct	-0.30	
For Individual Room Quantities <495, Add	0.83	
Note: For use with projects >500 SF		
For Ceilings >10' High, Add	0.14	
09 51 13 00-0030 SF 2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels.....	6.02	0.70
For Up To 50, Add	1.74	
For >50 To 200, Add	1.02	
For >200 To 500, Add	0.41	
For >2,500 To 4,000, Deduct	-0.13	
For >4,000 To 5,000, Deduct	-0.22	
For >5,000, Deduct	-0.37	
For Individual Room Quantities <495, Add	1.02	
Note: For use with projects >500 SF		
For Ceilings >10' High, Add	0.16	
09 51 13 00-0031 SF 2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels.....	5.80	0.70
For Up To 50, Add	1.62	
For >50 To 200, Add	0.95	
For >200 To 500, Add	0.38	
For >2,500 To 4,000, Deduct	-0.13	
For >4,000 To 5,000, Deduct	-0.21	
For >5,000, Deduct	-0.34	
For Individual Room Quantities <495, Add	0.95	
Note: For use with projects >500 SF		
For Ceilings >10' High, Add	0.14	

**09 Finishes****09 50 Ceilings****09 51 Acoustical Ceilings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0032	SF		2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels .....	7.19	0.70
			For Up To 50, Add	1.91	
			For >50 To 200, Add	1.14	
			For >200 To 500, Add	0.46	
			For >2,500 To 4,000, Deduct	-0.15	
			For >4,000 To 5,000, Deduct	-0.26	
			For >5,000, Deduct	-0.41	
			For Individual Room Quantities <495, Add	1.14	
			Note: For use with projects >500 SF		
			For Ceilings >10' High, Add	0.16	
09 51 13 00-0033	SF		2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels .....	6.97	0.70
			For Up To 50, Add	1.79	
			For >50 To 200, Add	1.07	
			For >200 To 500, Add	0.44	
			For >2,500 To 4,000, Deduct	-0.15	
			For >4,000 To 5,000, Deduct	-0.25	
			For >5,000, Deduct	-0.39	
			For Individual Room Quantities <495, Add	1.07	
			Note: For use with projects >500 SF		
			For Ceilings >10' High, Add	0.14	
09 51 13 00-0034	SF		2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels .....	5.52	0.70
			For Up To 50, Add	1.66	
			For >50 To 200, Add	0.97	
			For >200 To 500, Add	0.38	
			For >2,500 To 4,000, Deduct	-0.12	
			For >4,000 To 5,000, Deduct	-0.21	
			For >5,000, Deduct	-0.35	
			For Individual Room Quantities <495, Add	0.97	
			Note: For use with projects >500 SF		
			For Ceilings >10' High, Add	0.16	
09 51 13 00-0035	SF		2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels .....	5.30	0.70
			For Up To 50, Add	1.54	
			For >50 To 200, Add	0.90	
			For >200 To 500, Add	0.36	
			For >2,500 To 4,000, Deduct	-0.12	
			For >4,000 To 5,000, Deduct	-0.20	
			For >5,000, Deduct	-0.32	
			For Individual Room Quantities <495, Add	0.90	
			Note: For use with projects >500 SF		
			For Ceilings >10' High, Add	0.14	
09 51 13 00-0036			<b>Removal And Reinstallation Of Acoustical Ceiling Panels</b> (09 51 13)		
			Note: 2'x2' Or 2'x4'. Includes storage and cleaning.		
09 51 13 00-0037	SF		Removal And Reinstallation Of Acoustical Panels Only.....	2.40	
			For Up To 50, Add	1.32	
			For >50 To 200, Add	0.72	
			For >200 To 500, Add	0.24	
			For >2,500 To 4,000, Deduct	-0.06	
			For >4,000 To 5,000, Deduct	-0.12	
			For >5,000, Deduct	-0.24	
			For Ceilings >10' High, Add	0.18	
09 51 23			<b>Acoustical Tile Ceilings</b> (09 51)		
			Note: Includes fastening with staples and/or adhesive.		
09 51 23 00-0001			<b>Mineral Fiber Acoustical Tile Ceilings</b> (09 51 23)		
09 51 23 00-0002	SF		12" x 12" x 1/2" Tongue And Groove Mineral Fiber Acoustical Ceiling Tile.....	5.52	1.29
			For Furring 1 x 3 Strips 12" On Center, Add	0.50	
			For Up To 50, Add	2.00	
			For >50 To 200, Add	1.14	
			For >200 To 500, Add	0.42	
			For >2,500, Deduct	-0.28	
			For Ceilings >10' High, Add	0.22	
09 51 23 00-0003	SF		12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile.....	6.48	1.29
			For Furring 1 x 3 Strips 12" On Center, Add	0.50	
			For Up To 50, Add	2.14	
			For >50 To 200, Add	1.23	
			For >200 To 500, Add	0.47	
			For >2,500, Deduct	-0.32	
			For Placing Tiles In Suspended Ceiling System, Deduct	-0.40	
			For Ceilings >10' High, Add	0.22	
09 51 23 00-0004	SF		12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile.....	7.26	1.29
			For Furring 1 x 3 Strips 12" On Center, Add	0.50	
			For Up To 50, Add	2.26	
			For >50 To 200, Add	1.31	
			For >200 To 500, Add	0.51	
			For >2,500, Deduct	-0.36	
			For Placing Tiles In Suspended Ceiling System, Deduct	-0.40	
			For Ceilings >10' High, Add	0.22	
09 51 23 00-0005			<b>Wood Fiber Acoustical Tile Ceilings</b> (09 51 23)		



<b>Finishes</b>	<b>09</b>	<b>09</b>
<b>Ceilings</b>	<b>09 50</b>	
<b>Acoustical Ceilings</b>	<b>09 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 23 00-0006 SF 12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile.....	5.11	1.29
<i>For Furring 1 x 3 Strips 12" On Center, Add</i>	<i>0.50</i>	
<i>For Up To 50, Add</i>	<i>1.94</i>	
<i>For &gt;50 To 200, Add</i>	<i>1.10</i>	
<i>For &gt;200 To 500, Add</i>	<i>0.40</i>	
<i>For &gt;2,500, Deduct</i>	<i>-0.26</i>	
<i>For Ceilings &gt;10' High, Add</i>	<i>0.22</i>	
<b>09 51 33 Acoustical Metal Pan Ceilings (09 51)</b>		
<b>09 51 33 13 Acoustical Snap-in Metal Pan Ceilings (09 51 33)</b>		
<b>09 51 33 13-0001 Galvanized Steel, Acoustical Snap-In Metal Ceiling Panels (09 51 33 13)</b>		
09 51 33 13-0002 SF 24" x 24", Unperforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™).....	19.05	1.03
09 51 33 13-0003 SF 24" x 24", Perforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™).....	20.37	1.03
<b>09 51 33 13-0004 Aluminum, Acoustical Snap-In Metal Ceiling Panels (09 51 33 13)</b>		
09 51 33 13-0005 SF 24" x 24", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	14.30	1.17
09 51 33 13-0006 SF 24" x 24", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	24.07	1.17
09 51 33 13-0007 SF 24" x 24", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	46.85	1.17
09 51 33 13-0008 SF 24" x 24", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	21.36	1.17
09 51 33 13-0009 SF 24" x 24", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	15.08	1.17
09 51 33 13-0010 SF 24" x 24", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	23.46	1.17
09 51 33 13-0011 SF 24" x 24", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	46.50	1.17
09 51 33 13-0012 SF 24" x 24", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	21.19	1.17
09 51 33 13-0013 SF 30" x 30", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	19.36	1.17
09 51 33 13-0014 SF 30" x 30", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	25.38	1.17
09 51 33 13-0015 SF 30" x 30", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	51.64	1.17
09 51 33 13-0016 SF 30" x 30", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	25.12	1.17
09 51 33 13-0017 SF 30" x 30", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	20.49	1.17
09 51 33 13-0018 SF 30" x 30", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	25.99	1.17
09 51 33 13-0019 SF 30" x 30", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	53.39	1.17
09 51 33 13-0020 SF 30" x 30", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	25.73	1.17
09 51 33 13-0021 SF 12" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	17.52	1.17
09 51 33 13-0022 SF 12" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	28.52	1.17
09 51 33 13-0023 SF 12" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	50.51	1.17
09 51 33 13-0024 SF 12" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	24.51	1.17
09 51 33 13-0025 SF 12" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	18.83	1.17
09 51 33 13-0026 SF 12" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	28.87	1.17
09 51 33 13-0027 SF 12" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	52.34	1.17
09 51 33 13-0028 SF 12" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	25.29	1.17
09 51 33 13-0029 SF 24" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	13.93	1.17
09 51 33 13-0030 SF 24" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	21.26	1.17
09 51 33 13-0031 SF 24" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	43.95	1.17
09 51 33 13-0032 SF 24" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	20.21	1.17
09 51 33 13-0033 SF 24" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	14.80	1.17
09 51 33 13-0034 SF 24" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	21.08	1.17
09 51 33 13-0035 SF 24" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	44.04	1.17

<b>09</b>	<b>09 Finishes</b>
	<b>09 50 Ceilings</b>
	<b>09 51 Acoustical Ceilings</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 51 33 13-0036	SF	24" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	20.21	1.17
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**09 51 33 23 Acoustical Lay-in Metal Pan Ceilings (09 51 33)**

**09 51 33 23-0001 Acoustical Lay-In Metal Pan Ceilings (09 51 33 23)**

**09 51 33 23-0002 Aluminum, Acoustical Lay-In Metal Ceiling Panels (09 51 33 23-0001)**

09 51 33 23-0003	SF	24" x 24", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	14.85	0.88
		<i>For Walls &gt;10' High, Add</i>	2.97	
09 51 33 23-0004	SF	24" x 24", Unperforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	16.81	0.88
		<i>For Walls &gt;10' High, Add</i>	3.36	
09 51 33 23-0005	SF	24" x 24", Unperforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	24.67	0.88
		<i>For Walls &gt;10' High, Add</i>	4.93	
09 51 33 23-0006	SF	24" x 24", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	20.96	0.88
		<i>For Walls &gt;10' High, Add</i>	4.19	
09 51 33 23-0007	SF	24" x 24", Perforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	22.49	0.88
		<i>For Walls &gt;10' High, Add</i>	4.50	
09 51 33 23-0008	SF	24" x 24", Perforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	35.36	0.88
		<i>For Walls &gt;10' High, Add</i>	7.07	
09 51 33 23-0009	SF	30" x 30", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	22.15	0.88
		<i>For Walls &gt;10' High, Add</i>	4.43	
09 51 33 23-0010	SF	30" x 30", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	27.45	0.88
		<i>For Walls &gt;10' High, Add</i>	5.49	
09 51 33 23-0011	SF	48" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	22.27	0.88
		<i>For Walls &gt;10' High, Add</i>	4.45	
09 51 33 23-0012	SF	48" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	27.61	0.88
		<i>For Walls &gt;10' High, Add</i>	5.52	
09 51 33 23-0013	SF	12" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	22.38	0.88
		<i>For Walls &gt;10' High, Add</i>	4.48	
09 51 33 23-0014	SF	12" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	27.50	0.88
		<i>For Walls &gt;10' High, Add</i>	5.50	
09 51 33 23-0015	SF	24" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	22.38	0.88
		<i>For Walls &gt;10' High, Add</i>	4.48	
09 51 33 23-0016	SF	24" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	27.72	0.88
		<i>For Walls &gt;10' High, Add</i>	5.54	

**09 51 33 23-0017 Steel, Acoustical Lay-In Metal Ceiling Panels (09 51 33 23-0001)**

09 51 33 23-0018	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	19.14	0.88
		<i>For Walls &gt;10' High, Add</i>	3.83	
09 51 33 23-0019	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	22.81	0.88
		<i>For Walls &gt;10' High, Add</i>	4.56	
09 51 33 23-0020	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	24.47	0.88
		<i>For Walls &gt;10' High, Add</i>	4.89	
09 51 33 23-0021	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	22.98	0.88
		<i>For Walls &gt;10' High, Add</i>	4.60	
09 51 33 23-0022	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	23.59	0.88
		<i>For Walls &gt;10' High, Add</i>	4.72	
09 51 33 23-0023	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	24.99	0.88
		<i>For Walls &gt;10' High, Add</i>	5.00	

**09 51 33 33 Acoustical Tegular Lay-in Metal Pan Ceilings (09 51 33)**

**09 51 33 33-0001 Acoustical Tegular Lay-In Metal Pan Ceilings (09 51 33 33)**

**09 51 33 33-0002 Steel, Acoustical Tegular Lay-In Metal Pan Ceilings (09 51 33 33-0001)**

09 51 33 33-0003	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	13.99	0.88
09 51 33 33-0004	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.74	0.88
09 51 33 33-0005	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	22.20	0.88
09 51 33 33-0006	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.91	0.88
09 51 33 33-0007	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.01	0.88
09 51 33 33-0008	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	24.20	0.88

**09 53 Acoustical Ceiling Suspension Assemblies (09 50)**

**09 53 23 Metal Acoustical Ceiling Suspension Assemblies (09 53)**





<b>Finishes</b>	<b>09</b>	<b>09</b>
<b>Ceilings</b>	<b>09 50</b>	
<b>Acoustical Ceiling Suspension Assemblies</b>	<b>09 53</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0001 <b>Ceiling Suspension Systems</b> <small>(09 53 23)</small>		
<p>Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from wood deck or wood members above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.</p>		
09 53 23 00-0002 SF 1' x 1' Grid, Concealed, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System .....	4.12	0.58
<p>Note: Excludes ceiling tile.</p>		
For Fastening To Concrete, Add	1.36	
For Fastening To Steel, Add	1.52	
For Vertical Application, Add	2.22	
For Individual Room Quantities <495, Add	0.46	
<p>Note: For use with projects &gt;500 SF</p>		
For Up To 50, Add	1.63	
For >50 To 200, Add	0.92	
For >200 To 500, Add	0.33	
For >2,500 To 4,000, Deduct	-0.10	
For >4,000 To 5,000, Deduct	-0.17	
For >5,000, Deduct	-0.25	
For Ceilings >10' High, Add	0.19	
09 53 23 00-0003 SF 1' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System.....	3.32	0.58
For UL Listed (Fire Guard), Add	0.18	
For 1-1/2" Wide Faced Grid, Add	0.33	
For Fastening To Concrete, Add	1.32	
For Fastening To Steel, Add	1.48	
For Vertical Application, Add	1.86	
For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
For Individual Room Quantities <495, Add	0.38	
<p>Note: For use with projects &gt;500 SF</p>		
For Aluminum T-Bar System, Add	0.54	
For Up To 50, Add	1.35	
For >50 To 200, Add	0.76	
For >200 To 500, Add	0.27	
For >2,500 To 4,000, Deduct	-0.08	
For >4,000 To 5,000, Deduct	-0.14	
For >5,000, Deduct	-0.21	
For Ceilings >10' High, Add	0.16	
09 53 23 00-0004 SF 2' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System.....	2.79	0.58
For UL Listed (Fire Guard), Add	0.13	
For 1-1/2" Wide Faced Grid, Add	0.24	
For Fastening To Concrete, Add	1.31	
For Fastening To Steel, Add	1.47	
For Vertical Application, Add	1.71	
For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
For Individual Room Quantities <495, Add	0.33	
<p>Note: For use with projects &gt;500 SF</p>		
For Aluminum T-Bar System, Add	0.38	
For Up To 50, Add	1.20	
For >50 To 200, Add	0.67	
For >200 To 500, Add	0.24	
For >2,500 To 4,000, Deduct	-0.07	
For >4,000 To 5,000, Deduct	-0.12	
For >5,000, Deduct	-0.18	
For Black Grid, Add	0.11	
For Ceilings >10' High, Add	0.15	
For Concealed Spline Grid, Add	0.41	
09 53 23 00-0005 SF 2' x 4' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System.....	2.30	0.58
For UL Listed (Fire Guard), Add	0.10	
For 1-1/2" Wide Faced Grid, Add	0.18	
For Fastening To Concrete, Add	1.27	
For Fastening To Steel, Add	1.43	
For Vertical Application, Add	1.64	
For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
For Individual Room Quantities <495, Add	0.28	
<p>Note: For use with projects &gt;500 SF</p>		
For Aluminum T-Bar System, Add	0.30	
For Up To 50, Add	1.00	
For >50 To 200, Add	0.56	
For >200 To 500, Add	0.20	
For >2,500 To 4,000, Deduct	-0.05	
For >4,000 To 5,000, Deduct	-0.10	
For >5,000, Deduct	-0.15	
For Black Grid, Add	0.08	
For Ceilings >10' High, Add	0.12	
For Concealed Spline Grid, Add	0.33	

**09 Finishes****09 50 Ceilings****09 53 Acoustical Ceiling Suspension Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0006	SF		1'-8" To 2' x 5' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System .....	2.01	0.58
			<i>For UL Listed (Fire Guard), Add</i>	0.09	
			<i>For 1-1/2" Wide Faced Grid, Add</i>	0.17	
			<i>For Fastening To Concrete, Add</i>	1.25	
			<i>For Fastening To Steel, Add</i>	1.41	
			<i>For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add</i>	2.50	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.24	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Aluminum T-Bar System, Add</i>	0.27	
			<i>For Up To 50, Add</i>	0.87	
			<i>For &gt;50 To 200, Add</i>	0.48	
			<i>For &gt;200 To 500, Add</i>	0.17	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.05	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.09	
			<i>For &gt;5,000, Deduct</i>	-0.13	
			<i>For Ceilings &gt;10' High, Add</i>	0.11	
09 53 23 00-0007	SF		2' x 2' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System.....	2.96	0.58
			<i>For UL Listed (Fire Guard), Add</i>	0.15	
			<i>For Fastening To Concrete, Add</i>	1.31	
			<i>For Fastening To Steel, Add</i>	1.47	
			<i>For Vertical Application, Add</i>	1.71	
			<i>For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add</i>	2.50	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.34	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Up To 50, Add</i>	1.22	
			<i>For &gt;50 To 200, Add</i>	0.69	
			<i>For &gt;200 To 500, Add</i>	0.25	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.07	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.13	
			<i>For &gt;5,000, Deduct</i>	-0.19	
			<i>For Black Grid, Add</i>	0.13	
			<i>For Ceilings &gt;10' High, Add</i>	0.15	
09 53 23 00-0008	SF		2' x 4' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System.....	2.43	0.58
			<i>For UL Listed (Fire Guard), Add</i>	0.12	
			<i>For Fastening To Concrete, Add</i>	1.27	
			<i>For Fastening To Steel, Add</i>	1.43	
			<i>For Vertical Application, Add</i>	1.64	
			<i>For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add</i>	2.50	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.29	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Up To 50, Add</i>	1.02	
			<i>For &gt;50 To 200, Add</i>	0.57	
			<i>For &gt;200 To 500, Add</i>	0.20	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.06	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.11	
			<i>For &gt;5,000, Deduct</i>	-0.15	
			<i>For Black Grid, Add</i>	0.10	
			<i>For Ceilings &gt;10' High, Add</i>	0.12	
<b>09 53 23 00-0009</b>			<b>Ceiling Suspension System Accessories (09 53 23)</b>		
09 53 23 00-0010	LF		Pencil Rod Support For Suspended Ceiling with Accessories .....	1.34	
09 53 23 00-0011	LF		1" x 1/8" Flat Bar Bracing For Suspended Ceiling.....	3.43	1.64
			<i>For 304 Stainless Steel, Add</i>	2.76	
			<i>For 316 Stainless Steel, Add</i>	3.10	
			<i>For Aluminum, Add</i>	0.17	
			<i>For Galvanized Steel, Add</i>	0.60	
09 53 23 00-0012	LF		1" x 3/16" Flat Bar Bracing For Suspended Ceiling.....	4.90	1.76
			<i>For 304 Stainless Steel, Add</i>	4.22	
			<i>For 316 Stainless Steel, Add</i>	4.74	
			<i>For Aluminum, Add</i>	0.27	
			<i>For Galvanized Steel, Add</i>	0.92	
09 53 23 00-0013	LF		1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling .....	6.82	1.87
			<i>For 304 Stainless Steel, Add</i>	8.44	
			<i>For 316 Stainless Steel, Add</i>	9.47	
			<i>For Aluminum, Add</i>	0.53	
			<i>For Galvanized Steel, Add</i>	1.84	
09 53 23 00-0014	EA		2', Exposed 15/16" Hot-dipped Galvanized Steel, Suspended Ceiling Cross Tee .....	6.90	0.34
			<i>Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.</i>		
09 53 23 00-0015	EA		Lateral Support For Suspended Ceiling Channel, Installed 12'-0" On Center Maximum .....	29.85	8.78
			<i>Note: Includes vertical center strut and four 12 gauge diagonal wires.</i>		
09 53 23 00-0016	EA		Up To 30" Compression Posts, Telescopic, With Splay Wires, Attached To Structure .....	73.69	23.80
09 53 23 00-0017	EA		>30" To 48" Compression Posts, Telescopic, With Splay Wires, Attached To Structure .....	76.28	24.26
09 53 23 00-0018	EA		>48" To 84" Compression Posts, Telescopic, With Splay Wires, Attached To Structure .....	84.97	24.26
<b>09 53 23 00-0019</b>			<b>Removal And Reinstallation Of Acoustical Ceiling Suspension Assembly (09 53</b>		
			<sup>23)</sup> <i>Note: 2'x2' Or 2'x4'. Includes storage and cleaning.</i>		



<b>Finishes</b>	<b>09</b>	<b>09</b>
Ceilings	09 50	
Acoustical Ceiling Suspension Assemblies	09 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0020	SF		Removal And Reinstallation Of Acoustical Ceiling Tile And Grid, 2' x 2' Or 2' x 4'.....	3.23	
			Note: Suspension system tie wire, wall angles and bracing to remain in place.		
			For Up To 50, Add	1.78	
			For >50 To 200, Add	0.97	
			For >200 To 500, Add	0.32	
			For >2,500 To 4,000, Deduct	-0.08	
			For >4,000 To 5,000, Deduct	-0.16	
			For >5,000, Deduct	-0.24	
			For Ceilings >10' High, Add	0.24	
09 53 23 00-0021	SF		Removal And Reinstallation Of Grid System Only.....	1.41	
			Note: Suspension system tie wire, wall angles and bracing to remain in place.		
			For Up To 50, Add	0.78	
			For >50 To 200, Add	0.42	
			For >200 To 500, Add	0.14	
			For >2,500 To 4,000, Deduct	-0.04	
			For >4,000 To 5,000, Deduct	-0.07	
			For >5,000, Deduct	-0.11	
			For Ceilings >10' High, Add	0.11	
<b>09 54 Specialty Ceilings (09 50)</b>					
<b>09 54 16 Luminous Ceilings (09 54)</b>					
<b>09 54 16 00-0001 Translucent Ceiling Panels (09 54 16)</b>					
09 54 16 00-0002	SF		2' x 2' x 0.013" Thick, Rigid Vinyl Plastic, Translucent Ceiling Panel.....	3.37	0.58
			For Ceilings >10' High, Add	0.10	
			For >100 To 200, Deduct	-0.14	
			For >200 To 300, Deduct	-0.37	
			For >300, Deduct	-0.64	
<b>09 54 23 Linear Metal Ceilings (09 54)</b>					
<b>09 54 23 00-0001 Linear Ceiling Systems (09 54 23)</b>					
<b>09 54 23 00-0002 0.032" Aluminum, Linear Ceiling Systems (09 54 23 00-0001)</b>					
			Note: For flat ceilings. Includes round or box style panels with KYNAR 5000® or HYLAR 5000® PVDF finish. Includes ceiling suspension system and flush or recessed filler strips.		
09 54 23 00-0003	SF		4" Panel Width, 0.032" Aluminum, Linear Ceiling System.....	19.59	2.52
			For Up To 50, Add	5.36	
			For >50 To 200, Add	3.17	
			For >200 To 500, Add	1.28	
			For >2,500, Deduct	-0.98	
			For Ceilings >10' High, Add	0.45	
			For Linear Ceiling Systems Without Filler Strips, Deduct	-3.36	
			For Curved Ceilings, Add	1.43	
09 54 23 00-0004	SF		8" Panel Width, 0.032" Aluminum, Linear Ceiling System.....	15.99	2.52
			For Up To 50, Add	4.77	
			For >50 To 200, Add	2.78	
			For >200 To 500, Add	1.10	
			For >2,500, Deduct	-0.80	
			For Ceilings >10' High, Add	0.44	
			For Linear Ceiling Systems Without Filler Strips, Deduct	-1.68	
			For Curved Ceilings, Add	1.41	
09 54 23 00-0005	SF		12" Panel Width, 0.032" Aluminum, Linear Ceiling System.....	14.58	2.52
			For Up To 50, Add	4.51	
			For >50 To 200, Add	2.62	
			For >200 To 500, Add	1.02	
			For >2,500, Deduct	-0.73	
			For Ceilings >10' High, Add	0.44	
			For Linear Ceiling Systems Without Filler Strips, Deduct	-1.12	
			For Curved Ceilings, Add	1.38	
<b>09 54 23 00-0006 Tin Ceilings (09 54 23)</b>					
09 54 23 00-0007	SF		2' x 2' Tin Ceiling Embossed Panels.....	19.47	3.91
			For Up To 50, Add	4.80	
			For >50 To 200, Add	2.89	
			For >200 To 500, Add	1.21	
			For >2,500, Deduct	-0.97	
			For Ceilings >10' High, Add	0.35	
09 54 23 00-0008	SF		12" x 12" Tin Ceiling Embossed Plates.....	28.51	2.52
			For Up To 50, Add	6.26	
			For >50 To 200, Add	3.85	
			For >200 To 500, Add	1.67	
			For >2,500, Deduct	-1.43	
			For Ceilings >10' High, Add	0.37	
09 54 23 00-0009	SF		12" x 24" Tin Ceiling Embossed Plates.....	21.02	2.52
			For Up To 50, Add	5.14	
			For >50 To 200, Add	3.10	
			For >200 To 500, Add	1.30	
			For >2,500, Deduct	-1.05	
			For Ceilings >10' High, Add	0.37	

<b>09</b>	<b>09 Finishes</b>
	<b>09 50 Ceilings</b>
	<b>09 54 Specialty Ceilings</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 54 23 00-0010 SF 24" x 24" Tin Ceiling Embossed Plates.....	19.30	2.52
For Up To 50, Add	4.73	
For >50 To 200, Add	2.85	
For >200 To 500, Add	1.19	
For >2,500, Deduct	-0.97	
For Ceilings >10' High, Add	0.34	
09 54 23 00-0011 SF 24" x 48" Tin Ceiling Embossed Plates.....	16.85	1.89
For Up To 50, Add	4.13	
For >50 To 200, Add	2.49	
For >200 To 500, Add	1.04	
For >2,500, Deduct	-0.84	
For Ceilings >10' High, Add	0.30	
09 54 23 00-0012 LF 3" Or 4" Wide Embossed Molding.....	13.86	3.79
For Ceilings >10' High, Add	0.55	
09 54 23 00-0013 LF 6" Wide Embossed Molding.....	17.20	4.41
For Ceilings >10' High, Add	0.62	
09 54 23 00-0014 LF 12" Wide Embossed Molding.....	22.95	5.17
For Ceilings >10' High, Add	0.77	
09 54 23 00-0015 EA 3", 4" Or 6" Wide Embossed Cross, Tee Or Ell.....	40.50	11.97
For Ceilings >10' High, Add	1.75	
09 54 23 00-0016 EA 12" Wide Embossed Cross, Tee Or Ell.....	55.47	14.00
For Ceilings >10' High, Add	2.11	

**09 57 Special Function Ceilings** (09 50)

**09 57 63 High Impact Ceilings** (09 57)

**09 57 63 00-0001 High Impact Ceilings** (09 57 63)

09 57 63 00-0002 SF Polyvinyl Chloride Face High Impact Ceiling Panels.....	9.87	1.17
For Ceilings >10' High, Add	0.14	
09 57 63 00-0003 SF High Impact Clips.....	3.55	0.94
For Ceilings >10' High, Add	0.11	

**09 60 Flooring** (09)

Note: Perform moisture testing as recommended by manufacturer.

**09 61 Flooring Treatment** (09 60)

**09 61 13 Slip-Resistant Flooring Treatment** (09 61)

**09 61 13 00-0001 Anti-Slip Tape** (09 61 13)

Note: Grit sandpaper surface with adhesive back.

09 61 13 00-0002 LF 1" Anti-Slip Tape.....	2.96	2.34
09 61 13 00-0003 LF 2" Anti-Slip Tape.....	3.68	2.58
09 61 13 00-0004 LF 3" Anti-Slip Tape.....	4.39	2.84
09 61 13 00-0005 LF 4" Anti-Slip Tape.....	5.06	3.12
09 61 13 00-0006 LF 6" Anti-Slip Tape.....	6.36	3.43
09 61 13 00-0007 LF 12" Anti-Slip Tape.....	10.97	5.14
09 61 13 00-0008 LF 24" Anti-Slip Tape.....	15.61	7.72

**09 63 Masonry Flooring** (09 60)

**09 63 13 Brick Flooring** (09 63)

**09 63 13 00-0001 Clay Bricks** (09 63 13)

09 63 13 00-0002 SF 2-1/4" Thick Clay Brick Floor.....	26.61	9.88
For Basket Weave Pattern, Add	2.11	
For Herringbone Pattern, Add	2.82	
For Epoxy Joints, Add	5.24	
09 63 13 00-0003 SF 3" Thick Clay Brick Floor.....	29.72	9.88
For Basket Weave Pattern, Add	2.11	
For Herringbone Pattern, Add	2.82	
For Epoxy Joints, Add	5.24	
09 63 13 00-0004 SF 1/2" Thick Unglazed Clay Brick Floor.....	17.84	9.88
For Basket Weave Pattern, Add	2.11	
For Herringbone Pattern, Add	2.81	
For Epoxy Joints, Add	5.24	
09 63 13 00-0005 SF 1/2" Thick Glazed Clay Brick Floor.....	20.66	9.88
For Basket Weave Pattern, Add	2.11	
For Herringbone Pattern, Add	2.81	
For Epoxy Joints, Add	5.24	
09 63 13 00-0006 SF 3/4" Thick Unglazed Clay Brick Floor.....	19.11	9.88
For Basket Weave Pattern, Add	2.11	
For Herringbone Pattern, Add	2.81	
For Epoxy Joints, Add	5.24	
09 63 13 00-0007 SF 3/4" Thick Glazed Clay Brick Floor.....	22.85	9.88
For Basket Weave Pattern, Add	2.11	
For Herringbone Pattern, Add	2.81	
For Epoxy Joints, Add	5.24	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Flooring	09 60	
Masonry Flooring	09 63	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 63 13 00-0008 SF 15/16" Thick Unglazed Clay Brick Floor..... <i>For Basket Weave Pattern, Add</i> <i>For Herringbone Pattern, Add</i> <i>For Epoxy Joints, Add</i>	20.32 2.11 2.81 5.24	9.88
09 63 13 00-0009 SF 15/16" Thick Glazed Clay Brick Floor ..... <i>For Basket Weave Pattern, Add</i> <i>For Herringbone Pattern, Add</i> <i>For Epoxy Joints, Add</i>	25.06 2.11 2.81 5.24	9.88
<b>09 63 43 Composition Stone Flooring (09 63)</b>		
09 63 43 00-0001 Cupric Oxychloride Cement, Seamless Flooring System (09 63 43) Note: Chemical and slip resistant. OSHA and USDA approved.		
09 63 43 00-0002 SF 3/8" Thick, Cupric Oxychloride Cement, Seamless Flooring System, Trowel Applied .....	16.61	5.59
<b>09 64 Wood Flooring (09 60)</b>		
<b>09 64 13 Wood Flooring Underlayment (09 64)</b>		
09 64 13 00-0001 Wood Flooring Underlayment (09 64 13)		
09 64 13 00-0002 SF Regular Weight Red Rosin Paper, Wood Flooring Underlayment .....	0.50	
09 64 13 00-0003 SF Heavy Weight Red Rosin Paper, Wood Flooring Underlayment.....	0.51	
09 64 13 00-0004 SF 30 LB, Waxed Paper, Wood Flooring Underlayment .....	0.53	
09 64 13 00-0005 SF 15 LB, Asphalt Saturated Organic Felt, Wood Flooring Underlayment.....	0.58	
09 64 13 00-0006 SF 6 Mil Thick, Polyethylene Film, Wood Flooring Underlayment.....	0.53	
09 64 13 00-0007 SF 8 Mil Thick, Polyethylene Film, Wood Flooring Underlayment.....	0.57	
09 64 13 00-0008 SF 1/8" Thick, Natural Cork, Wood Flooring Underlayment .....	2.07	0.35
09 64 13 00-0009 SF 1/4" Thick, Natural Cork, Wood Flooring Underlayment .....	2.16	0.35
09 64 13 00-0010 SF 3/32" Thick, Polyethylene Foam, Wood Flooring Underlayment (Roberts® Unison™ 70-025-15) .....	0.81	
09 64 13 00-0011 SF 2.0mm Thick, Progressive Foam Technology, Wood Flooring Underlayment (Roberts® Quiet Cushion 70-180).....	0.98	
09 64 13 00-0012 SF 4.0mm Thick, Compressed Fiber, Wood Flooring Underlayment (Roberts® Super Felt 70-193) .....	1.05	
09 64 13 00-0013 SF 2.5mm Thick, Closed Cell Foam, Wood Flooring Underlayment (Roberts® Black Jack™ 70-026).....	1.26	
09 64 13 00-0014 SF 1/8" Thick, Moisture Barrier, Sound Reduction And Cushioning, Wood Flooring Underlayment (Roberts® AirGuard™ 70-105).....	1.28	0.23
<b>09 64 23 Wood Parquet Flooring (09 64)</b>		
Note: All wood parquet flooring is prefinished at factory.		
09 64 23 00-0001 Hardwood Parquet Flooring (09 64 23)		
09 64 23 00-0002 SF 5/16" Thick Oak Parquet Flooring .....	11.12	1.17
<i>For Up To 20, Add</i>	4.96	
<i>For &gt;20 To 50, Add</i>	2.58	
<i>For &gt;50 To 100, Add</i>	1.29	
<i>For &gt;100 To 300, Add</i>	0.64	
<b>09 64 29 Wood Strip and Plank Flooring (09 64)</b>		
Note: All wood strip flooring is unfinished, tongue and groove.		
09 64 29 00-0001 Unfinished Fir, Wood Strip Flooring (09 64 29)		
09 64 29 00-0002 SF 3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring .....	12.65	1.17
<i>For Factory Finish, Add</i>	0.74	
<i>For Random Width Floor, Add</i>	2.90	
<i>For Up To 20, Add</i>	4.27	
<i>For &gt;20 To 50, Add</i>	2.32	
<i>For &gt;50 To 100, Add</i>	1.16	
<i>For &gt;100 To 300, Add</i>	0.58	
09 64 29 00-0003 Unfinished Oak, Wood Strip Flooring (09 64 29)		
09 64 29 00-0004 Unfinished White Oak, Wood Strip Flooring (09 64 29 00-0003)		
09 64 29 00-0005 SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring.....	10.73	1.17
<i>For Factory Finish, Add</i>	0.39	
<i>For Random Width Floor, Add</i>	2.34	
<i>For Up To 20, Add</i>	4.71	
<i>For &gt;20 To 50, Add</i>	2.45	
<i>For &gt;50 To 100, Add</i>	1.22	
<i>For &gt;100 To 300, Add</i>	0.61	
09 64 29 00-0006 SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring.....	11.24	1.17
<i>For Factory Finish, Add</i>	0.44	
<i>For Random Width Floor, Add</i>	2.47	
<i>For Up To 20, Add</i>	4.78	
<i>For &gt;20 To 50, Add</i>	2.50	
<i>For &gt;50 To 100, Add</i>	1.25	
<i>For &gt;100 To 300, Add</i>	0.63	

**09 Finishes****09 60 Flooring****09 64 Wood Flooring**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0007 SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring.....	11.99	1.17
For Factory Finish, Add	0.51	
For Random Width Floor, Add	2.65	
For Up To 20, Add	4.89	
For >20 To 50, Add	2.58	
For >50 To 100, Add	1.29	
For >100 To 300, Add	0.64	
09 64 29 00-0008 SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring.....	9.29	1.17
For Factory Finish, Add	0.40	
For Random Width Floor, Add	2.06	
For Up To 20, Add	3.77	
For >20 To 50, Add	1.98	
For >50 To 100, Add	0.99	
For >100 To 300, Add	0.50	
09 64 29 00-0009 SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring.....	9.69	1.17
For Factory Finish, Add	0.44	
For Random Width Floor, Add	2.16	
For Up To 20, Add	3.83	
For >20 To 50, Add	2.02	
For >50 To 100, Add	1.01	
For >100 To 300, Add	0.51	
09 64 29 00-0010 SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring.....	10.46	1.17
For Factory Finish, Add	0.52	
For Random Width Floor, Add	2.35	
For Up To 20, Add	3.94	
For >20 To 50, Add	2.10	
For >50 To 100, Add	1.05	
For >100 To 300, Add	0.53	
<b>09 64 29 00-0011 Unfinished Red Oak, Wood Strip Flooring (09 64 29 00-0003)</b>		
09 64 29 00-0012 SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring.....	10.82	1.17
For Factory Finish, Add	0.39	
For Random Width Floor, Add	2.36	
For Up To 20, Add	4.72	
For >20 To 50, Add	2.46	
For >50 To 100, Add	1.23	
For >100 To 300, Add	0.61	
09 64 29 00-0013 SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring.....	11.32	1.17
For Factory Finish, Add	0.44	
For Random Width Floor, Add	2.49	
For Up To 20, Add	4.79	
For >20 To 50, Add	2.51	
For >50 To 100, Add	1.25	
For >100 To 300, Add	0.63	
09 64 29 00-0014 SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring.....	12.07	1.17
For Factory Finish, Add	0.52	
For Random Width Floor, Add	2.67	
For Up To 20, Add	4.91	
For >20 To 50, Add	2.58	
For >50 To 100, Add	1.29	
For >100 To 300, Add	0.65	
09 64 29 00-0015 SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring.....	9.37	1.17
For Factory Finish, Add	0.41	
For Random Width Floor, Add	2.08	
For Up To 20, Add	3.78	
For >20 To 50, Add	1.99	
For >50 To 100, Add	1.00	
For >100 To 300, Add	0.50	
09 64 29 00-0016 SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring.....	9.88	1.17
For Factory Finish, Add	0.46	
For Random Width Floor, Add	2.21	
For Up To 20, Add	3.85	
For >20 To 50, Add	2.04	
For >50 To 100, Add	1.02	
For >100 To 300, Add	0.51	
09 64 29 00-0017 SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring.....	10.55	1.17
For Factory Finish, Add	0.53	
For Random Width Floor, Add	2.37	
For Up To 20, Add	3.95	
For >20 To 50, Add	2.11	
For >50 To 100, Add	1.05	
For >100 To 300, Add	0.53	
<b>09 64 29 00-0018 Unfinished Maple, Wood Strip Flooring (09 64 29)</b>		
<b>09 64 29 00-0019 25/32" Thick, Unfinished Maple, Wood Strip Flooring (09 64 29 00-0018)</b>		
09 64 29 00-0020 SF 2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....	12.66	1.17
For Factory Finish, Add	0.58	
For Random Width Floor, Add	2.82	
For Up To 20, Add	5.00	
For >20 To 50, Add	2.64	
For >50 To 100, Add	1.32	
For >100 To 300, Add	0.66	



<b>Finishes</b>	<b>09</b>	<b>09</b>
<b>Flooring</b>	<b>09 60</b>	
<b>Wood Flooring</b>	<b>09 64</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0021 SF 2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	11.82	1.17
<i>For Factory Finish, Add</i>	0.49	
<i>For Random Width Floor, Add</i>	2.61	
<i>For Up To 20, Add</i>	4.87	
<i>For &gt;20 To 50, Add</i>	2.56	
<i>For &gt;50 To 100, Add</i>	1.28	
<i>For &gt;100 To 300, Add</i>	0.64	
09 64 29 00-0022 SF 3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....	11.38	1.17
<i>For Factory Finish, Add</i>	0.61	
<i>For Random Width Floor, Add</i>	2.58	
<i>For Up To 20, Add</i>	4.08	
<i>For &gt;20 To 50, Add</i>	2.19	
<i>For &gt;50 To 100, Add</i>	1.10	
<i>For &gt;100 To 300, Add</i>	0.55	
09 64 29 00-0023 SF 3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	10.55	1.17
<i>For Factory Finish, Add</i>	0.53	
<i>For Random Width Floor, Add</i>	2.37	
<i>For Up To 20, Add</i>	3.95	
<i>For &gt;20 To 50, Add</i>	2.11	
<i>For &gt;50 To 100, Add</i>	1.05	
<i>For &gt;100 To 300, Add</i>	0.53	
<b>09 64 29 00-0024 33/32" Thick, Unfinished Maple, Wood Strip Flooring (09 64 29 00-0018)</b>		
09 64 29 00-0025 SF 2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....	14.47	1.17
<i>For Factory Finish, Add</i>	0.76	
<i>For Random Width Floor, Add</i>	3.27	
<i>For Up To 20, Add</i>	5.27	
<i>For &gt;20 To 50, Add</i>	2.82	
<i>For &gt;50 To 100, Add</i>	1.41	
<i>For &gt;100 To 300, Add</i>	0.71	
09 64 29 00-0026 SF 2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	13.34	1.17
<i>For Factory Finish, Add</i>	0.65	
<i>For Random Width Floor, Add</i>	2.99	
<i>For Up To 20, Add</i>	5.10	
<i>For &gt;20 To 50, Add</i>	2.71	
<i>For &gt;50 To 100, Add</i>	1.36	
<i>For &gt;100 To 300, Add</i>	0.68	
09 64 29 00-0027 SF 3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....	13.31	1.17
<i>For Factory Finish, Add</i>	0.80	
<i>For Random Width Floor, Add</i>	3.06	
<i>For Up To 20, Add</i>	4.37	
<i>For &gt;20 To 50, Add</i>	2.39	
<i>For &gt;50 To 100, Add</i>	1.19	
<i>For &gt;100 To 300, Add</i>	0.60	
09 64 29 00-0028 SF 3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	12.19	1.17
<i>For Factory Finish, Add</i>	0.69	
<i>For Random Width Floor, Add</i>	2.78	
<i>For Up To 20, Add</i>	4.20	
<i>For &gt;20 To 50, Add</i>	2.27	
<i>For &gt;50 To 100, Add</i>	1.14	
<i>For &gt;100 To 300, Add</i>	0.57	
<b>09 64 29 00-0029 Prefinished Engineered Wood Flooring (09 64 29)</b>		
Note: Glued or nailed. Excludes underlayment. See CSI section 09 64 13 00-0001 for wood flooring underlayment.		
09 64 29 00-0030 SF 1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring.....	14.77	1.17
<i>For Up To 20, Add</i>	4.28	
<i>For &gt;20 To 50, Add</i>	2.40	
<i>For &gt;50 To 100, Add</i>	1.20	
<i>For &gt;100 To 300, Add</i>	0.60	
09 64 29 00-0031 SF 1/2" Thick, White Oak, Prefinished Engineered Wood Flooring.....	14.77	1.17
<i>For Up To 20, Add</i>	4.28	
<i>For &gt;20 To 50, Add</i>	2.40	
<i>For &gt;50 To 100, Add</i>	1.20	
<i>For &gt;100 To 300, Add</i>	0.60	
09 64 29 00-0032 SF 1/2" Thick, Select Maple, Prefinished Engineered Wood Flooring.....	14.33	1.17
<i>For Up To 20, Add</i>	4.22	
<i>For &gt;20 To 50, Add</i>	2.35	
<i>For &gt;50 To 100, Add</i>	1.18	
<i>For &gt;100 To 300, Add</i>	0.59	
09 64 29 00-0033 SF 1/2" Thick, Natural Hickory, Prefinished Engineered Wood Flooring.....	14.66	1.17
<i>For Up To 20, Add</i>	4.26	
<i>For &gt;20 To 50, Add</i>	2.38	
<i>For &gt;50 To 100, Add</i>	1.19	
<i>For &gt;100 To 300, Add</i>	0.60	

**09 64 66 Wood Athletic Flooring (09 64)**

Note: On shims, sleepers and/or screeds. 1-1/2" or 2-1/4" widths. Excludes finish.

<b>09</b>	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 64 Wood Flooring</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 64 66 00-0001 Wood Gym/Stage/Dance Floors</b> <small>(09 64 66)</small> Note: Includes sanding and vent cove base. Excludes concrete repairs to subbase, thresholds, and finishing.		
09 64 66 00-0002 SF 25/32" Maple Wood Gym/Stage/Dance Floor .....	14.91	5.86
For Oak Or Birch, Deduct	-0.20	
For Pine, Deduct	-0.30	
For #1 Grade Material, Add	0.50	
09 64 66 00-0003 SF Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion).....	19.75	7.61
Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.		
For Oak Or Birch, Deduct	-0.20	
For Pine, Deduct	-0.30	
For #1 Grade Material, Add	0.50	
09 64 66 00-0004 SF Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok).....	20.73	7.61
Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.		
For Oak Or Birch, Deduct	-0.20	
For Pine, Deduct	-0.30	
For #1 Grade Material, Add	0.50	
09 64 66 00-0005 SF Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex).....	22.74	7.61
Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.		
For Oak Or Birch, Deduct	-0.20	
For Pine, Deduct	-0.30	
For #1 Grade Material, Add	0.50	
09 64 66 00-0006 SF Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus).....	21.80	7.61
Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.		
For Oak Or Birch, Deduct	-0.20	
For Pine, Deduct	-0.30	
For #1 Grade Material, Add	0.50	
09 64 66 00-0007 SF Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock).....	25.00	7.61
Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.		
For Oak Or Birch, Deduct	-0.20	
For Pine, Deduct	-0.30	
For #1 Grade Material, Add	0.50	
<b>09 65 Resilient Flooring</b> <small>(09 60)</small> See CSI section 03 54 16 00-0001 for self leveling underlayment for uneven floors.		
<b>09 65 13 Resilient Base and Accessories</b> <small>(09 65)</small>		
<b>09 65 13 13 Resilient Base</b> <small>(09 65 13)</small>		
<b>09 65 13 13-0001 Type TV Thermoplastic Vinyl Wall Base</b> <small>(09 65 13 13)</small> Note: Includes inside and outside corners.		
09 65 13 13-0002 LF 2-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors .....	3.91	1.43
For Up To 20, Add	1.73	
For >20 To 40, Add	0.96	
For >40 To 80, Add	0.34	
For >240 To 960, Deduct	-0.25	
For >960, Deduct	-0.37	
09 65 13 13-0003 LF 4" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors .....	4.31	1.43
For Up To 20, Add	1.79	
For >20 To 40, Add	1.00	
For >40 To 80, Add	0.36	
For >240 To 960, Deduct	-0.29	
For >960, Deduct	-0.43	
09 65 13 13-0004 LF 6" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors .....	5.17	1.43
For Up To 20, Add	1.92	
For >20 To 40, Add	1.09	
For >40 To 80, Add	0.40	
For >240 To 960, Deduct	-0.37	
For >960, Deduct	-0.56	
<b>09 65 13 13-0005 Type TP Thermoplastic Rubber Wall Base</b> <small>(09 65 13 13)</small> Note: Includes inside and outside corners.		
09 65 13 13-0006 LF 2-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	4.17	1.43
For Up To 20, Add	1.77	
For >20 To 40, Add	0.99	
For >40 To 80, Add	0.35	
For >240 To 960, Deduct	-0.27	
For >960, Deduct	-0.41	
09 65 13 13-0007 LF 4" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	4.47	1.43
For Up To 20, Add	1.81	
For >20 To 40, Add	1.02	
For >40 To 80, Add	0.37	
For >240 To 960, Deduct	-0.30	
For >960, Deduct	-0.46	





<b>Finishes</b>	<b>09</b>	<b>09</b>
Flooring	09 60	
Resilient Flooring	09 65	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 13-0008 LF 6" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	5.30	1.43
For Up To 20, Add	1.94	
For >20 To 40, Add	1.10	
For >40 To 80, Add	0.41	
For >240 To 960, Deduct	-0.39	
For >960, Deduct	-0.58	
09 65 13 13-0009 LF 2-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	6.47	1.43
For Up To 20, Add	2.11	
For >20 To 40, Add	1.22	
For >40 To 80, Add	0.47	
For >240 To 960, Deduct	-0.50	
For >960, Deduct	-0.76	
09 65 13 13-0010 LF 3" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	6.72	1.43
For Up To 20, Add	2.15	
For >20 To 40, Add	1.24	
For >40 To 80, Add	0.48	
For >240 To 960, Deduct	-0.53	
For >960, Deduct	-0.79	
09 65 13 13-0011 LF 4-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	8.02	1.43
For Up To 20, Add	2.35	
For >20 To 40, Add	1.37	
For >40 To 80, Add	0.54	
For >240 To 960, Deduct	-0.66	
For >960, Deduct	-0.99	
09 65 13 13-0012 LF 6" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	10.62	1.43
For Up To 20, Add	2.74	
For >20 To 40, Add	1.63	
For >40 To 80, Add	0.67	
For >240 To 960, Deduct	-0.92	
For >960, Deduct	-1.38	
<b>09 65 13 13-0013 Type TS Thermoset Vulcanized Rubber Wall Base</b> <small>(09 65 13 13)</small>		
Note: Includes inside and outside corners.		
09 65 13 13-0014 LF 2-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors .....	4.50	1.72
For Up To 20, Add	1.82	
For >20 To 40, Add	1.02	
For >40 To 80, Add	0.37	
For >240 To 960, Deduct	-0.31	
For >960, Deduct	-0.46	
09 65 13 13-0015 LF 4" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors .....	4.51	1.43
For Up To 20, Add	1.82	
For >20 To 40, Add	1.02	
For >40 To 80, Add	0.37	
For >240 To 960, Deduct	-0.31	
For >960, Deduct	-0.46	
09 65 13 13-0016 LF 6" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors .....	6.30	1.72
For Up To 20, Add	2.32	
For >20 To 40, Add	1.32	
For >40 To 80, Add	0.49	
For >240 To 960, Deduct	-0.46	
For >960, Deduct	-0.69	
<b>09 65 13 23 Resilient Stair Treads and Risers</b> <small>(09 65 13)</small>		
Note: All treads have integral nosing. Abrasive strip modifier includes either 1 or 2 strips running the length of the tread.		
All colors.		
<b>09 65 13 23-0001 Rubber Stair Treads and Risers</b> <small>(09 65 13 23)</small>		
<b>09 65 13 23-0002 Raised Disc Or Other Patterned Rubber Stair Tread</b> <small>(09 65 13 23-0001)</small>		
09 65 13 23-0003 LF 3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread .....	15.45	2.29
Note: Raised disc or other pattern.		
For Abrasive Strip, Add	2.75	
For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0004 LF 1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread .....	16.62	2.46
Note: Raised disc or other pattern.		
For Abrasive Strip, Add	2.75	
For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0005 LF 5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread .....	19.91	2.63
Note: Raised disc or other pattern.		
For Abrasive Strip, Add	2.75	
For Photo Luminescent Abrasive Strip, Add	3.75	
<b>09 65 13 23-0006 Smooth Surface Rubber Stair Tread</b> <small>(09 65 13 23-0001)</small>		
09 65 13 23-0007 LF 3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread .....	14.66	2.29
Note: Smooth surface.		
For Abrasive Strip, Add	2.75	
For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0008 LF 1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread .....	15.67	2.46
Note: Smooth surface.		
For Abrasive Strip, Add	2.75	
For Photo Luminescent Abrasive Strip, Add	3.75	

**09 Finishes****09 60 Flooring****09 65 Resilient Flooring**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 23-0009	LF		5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread ..... Note: Smooth surface. For Abrasive Strip, Add For Photo Luminescent Abrasive Strip, Add	18.75 2.75 3.75	2.64
<b>09 65 13 23-0010</b>			<b>Smooth Surface Rubber Stair Riser</b> (09 65 13 23-0001)		
09 65 13 23-0011	LF		1/8" Thick, Smooth Surface Rubber Stair Riser .....	8.55	1.38
<b>09 65 13 23-0012</b>			<b>Smooth, Raised Disc or Other Patterned Rubber Landing Mats</b> (09 65 13 23-0001)		
09 65 13 23-0013	SF		1/8" Thick, Rubber Landing Mats ..... Note: Smooth, raised disc or other patterned surface.	23.13	2.12
09 65 13 23-0014	SF		3/16" Thick, Rubber Landing Mats ..... Note: Smooth, raised disc or other patterned surface.	27.53	2.29
09 65 13 23-0015	SF		7/32" Thick, Rubber Landing Mats ..... Note: Smooth, raised disc or other patterned surface.	29.98	2.57
<b>09 65 13 23-0016</b>			<b>Vinyl Stair Treads and Risers</b> (09 65 13 23)		
<b>09 65 13 23-0017</b>			<b>Ribbed Vinyl Stair Tread</b> (09 65 13 23-0016)		
09 65 13 23-0018	LF		1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread ..... For Abrasive Strip, Add	16.20 2.75	2.08
09 65 13 23-0019	LF		3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread ..... For Abrasive Strip, Add	17.90 2.75	2.29
09 65 13 23-0020	LF		1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread ..... For Abrasive Strip, Add	21.38 2.75	2.47
<b>09 65 13 23-0021</b>			<b>Smooth Surface Vinyl Stair Riser</b> (09 65 13 23-0016)		
09 65 13 23-0022	LF		1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser .....	9.11	1.38
<b>09 65 13 33</b>			<b>Resilient Accessories</b> (09 65 13)		
<b>09 65 13 33-0001</b>			<b>Flexible Self Leveling Cementitious Underlayments</b> (09 65 13 33)		
09 65 13 33-0002	SF		1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers .....	1.90	1.15
09 65 13 33-0003	SF		1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers .....	2.86	1.15
<b>09 65 13 33-0004</b>			<b>Concrete Floor Prep</b> (09 65 13 33)		
09 65 13 33-0005	SF		Removal Of Glue From Concrete Floor ..... Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.	1.43	
<b>09 65 13 36</b>			<b>Resilient Carpet Transitions</b> (09 65 13)		
<b>09 65 13 36-0001</b>			<b>Vinyl Transition Strip</b> (09 65 13 36)		
09 65 13 36-0002	LF		Vinyl Transition Strip, Brown Or Black ..... For >240 To 960, Deduct For >960, Deduct	2.14 -0.14 -0.21	1.04
09 65 13 36-0003	LF		Vinyl Floor Tile Reducer Strip, Brown Or Black ..... For >240 To 960, Deduct For >960, Deduct	1.99 -0.13 -0.19	1.04
09 65 13 36-0004	LF		Vinyl Floor Tile Feature Strip, Brown Or Black ..... For >240 To 960, Deduct For >960, Deduct	1.81 -0.11 -0.16	1.04
09 65 13 36-0005	LF		1/4" To 1/8" Material, Narrow, Vinyl, Slim Line Transition (Johnsonite SLT-XX-A) ..... For Up To 20, Add For >20 To 40, Add For >40 To 80, Add For >240 To 960, Deduct For >960, Deduct	3.27 1.41 0.79 0.28 -0.21 -0.32	1.43
<b>09 65 13 36-0006</b>			<b>Vinyl, Wheeled Traffic Transitions</b> (09 65 13 36)		
09 65 13 36-0007	LF		1/4" To 1/8" Material x 1-3/4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-A) ..... For Up To 20, Add For >20 To 40, Add For >40 To 80, Add For >240 To 960, Deduct For >960, Deduct	3.90 1.50 0.85 0.31 -0.28 -0.41	1.43
09 65 13 36-0008	LF		1/4" To 1/8" Material x 1", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-C) ..... For Up To 20, Add For >20 To 40, Add For >40 To 80, Add For >240 To 960, Deduct For >960, Deduct	3.90 1.50 0.85 0.31 -0.28 -0.41	1.43



<b>Finishes</b>	<b>09</b>	<b>09</b>
Flooring	09 60	
Resilient Flooring	09 65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 36-0009	LF		5/16" To 1/16" Or 1/8" Material x 1-5/8", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-D) .....	4.61	1.43
			<i>For Up To 20, Add</i>	1.61	
			<i>For &gt;20 To 40, Add</i>	0.92	
			<i>For &gt;40 To 80, Add</i>	0.35	
			<i>For &gt;240 To 960, Deduct</i>	-0.35	
			<i>For &gt;960, Deduct</i>	-0.52	
09 65 13 36-0010	LF		1/4" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-H) .....	7.14	1.43
			<i>For Up To 20, Add</i>	1.99	
			<i>For &gt;20 To 40, Add</i>	1.17	
			<i>For &gt;40 To 80, Add</i>	0.47	
			<i>For &gt;240 To 960, Deduct</i>	-0.60	
			<i>For &gt;960, Deduct</i>	-0.90	
09 65 13 36-0011	LF		1/4" To 1/8" Material x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HL) .....	7.16	1.43
			<i>For Up To 20, Add</i>	1.99	
			<i>For &gt;20 To 40, Add</i>	1.17	
			<i>For &gt;40 To 80, Add</i>	0.47	
			<i>For &gt;240 To 960, Deduct</i>	-0.60	
			<i>For &gt;960, Deduct</i>	-0.90	
09 65 13 36-0012	LF		1/4" To 0.08" Or 2 mm Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HT) .....	4.98	1.43
			<i>For Up To 20, Add</i>	1.66	
			<i>For &gt;20 To 40, Add</i>	0.96	
			<i>For &gt;40 To 80, Add</i>	0.36	
			<i>For &gt;240 To 960, Deduct</i>	-0.38	
			<i>For &gt;960, Deduct</i>	-0.58	
09 65 13 36-0013	LF		1/4" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-J) .....	6.98	1.43
			<i>For Up To 20, Add</i>	1.96	
			<i>For &gt;20 To 40, Add</i>	1.16	
			<i>For &gt;40 To 80, Add</i>	0.46	
			<i>For &gt;240 To 960, Deduct</i>	-0.58	
			<i>For &gt;960, Deduct</i>	-0.88	
09 65 13 36-0014	LF		1/4" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-JL) .....	7.21	1.43
			<i>For Up To 20, Add</i>	2.00	
			<i>For &gt;20 To 40, Add</i>	1.18	
			<i>For &gt;40 To 80, Add</i>	0.48	
			<i>For &gt;240 To 960, Deduct</i>	-0.61	
			<i>For &gt;960, Deduct</i>	-0.91	
09 65 13 36-0015	LF		3/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-K) .....	6.19	1.43
			<i>For Up To 20, Add</i>	1.84	
			<i>For &gt;20 To 40, Add</i>	1.08	
			<i>For &gt;40 To 80, Add</i>	0.42	
			<i>For &gt;240 To 960, Deduct</i>	-0.50	
			<i>For &gt;960, Deduct</i>	-0.76	
09 65 13 36-0016	LF		3/8" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-L) .....	6.69	1.43
			<i>For Up To 20, Add</i>	1.92	
			<i>For &gt;20 To 40, Add</i>	1.13	
			<i>For &gt;40 To 80, Add</i>	0.45	
			<i>For &gt;240 To 960, Deduct</i>	-0.55	
			<i>For &gt;960, Deduct</i>	-0.83	
09 65 13 36-0017	LF		1/4" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-M) .....	7.21	1.43
			<i>For Up To 20, Add</i>	2.00	
			<i>For &gt;20 To 40, Add</i>	1.18	
			<i>For &gt;40 To 80, Add</i>	0.48	
			<i>For &gt;240 To 960, Deduct</i>	-0.61	
			<i>For &gt;960, Deduct</i>	-0.91	
09 65 13 36-0018	LF		1/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-N) .....	6.09	1.43
			<i>For Up To 20, Add</i>	1.83	
			<i>For &gt;20 To 40, Add</i>	1.07	
			<i>For &gt;40 To 80, Add</i>	0.42	
			<i>For &gt;240 To 960, Deduct</i>	-0.49	
			<i>For &gt;960, Deduct</i>	-0.74	
09 65 13 36-0019	LF		3/8" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-P) .....	5.26	1.43
			<i>For Up To 20, Add</i>	1.71	
			<i>For &gt;20 To 40, Add</i>	0.98	
			<i>For &gt;40 To 80, Add</i>	0.38	
			<i>For &gt;240 To 960, Deduct</i>	-0.41	
			<i>For &gt;960, Deduct</i>	-0.62	
09 65 13 36-0020	LF		3/8" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-PL) .....	7.39	1.43
			<i>For Up To 20, Add</i>	2.02	
			<i>For &gt;20 To 40, Add</i>	1.20	
			<i>For &gt;40 To 80, Add</i>	0.48	
			<i>For &gt;240 To 960, Deduct</i>	-0.62	
			<i>For &gt;960, Deduct</i>	-0.94	
09 65 13 36-0021	LF		1/2" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Q) .....	9.30	1.43
			<i>For Up To 20, Add</i>	2.31	
			<i>For &gt;20 To 40, Add</i>	1.39	
			<i>For &gt;40 To 80, Add</i>	0.58	
			<i>For &gt;240 To 960, Deduct</i>	-0.82	
			<i>For &gt;960, Deduct</i>	-1.22	
09 65 13 36-0022	LF		0.08" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-X) .....	5.13	1.43
			<i>For Up To 20, Add</i>	1.69	
			<i>For &gt;20 To 40, Add</i>	0.97	
			<i>For &gt;40 To 80, Add</i>	0.37	
			<i>For &gt;240 To 960, Deduct</i>	-0.40	
			<i>For &gt;960, Deduct</i>	-0.60	

<b>09</b>	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 65 Resilient Flooring</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65	13 36-0023	LF	0.08" To 0.08" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Y).....	5.19	1.43
			For Up To 20, Add	1.69	
			For >20 To 40, Add	0.98	
			For >40 To 80, Add	0.37	
			For >240 To 960, Deduct	-0.40	
			For >960, Deduct	-0.61	
09 65	13 36-0024	LF	0.08" To 3/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Z).....	5.80	1.43
			For Up To 20, Add	1.79	
			For >20 To 40, Add	1.04	
			For >40 To 80, Add	0.40	
			For >240 To 960, Deduct	-0.47	
			For >960, Deduct	-0.70	

**09 65 16 Resilient Sheet Flooring (09 65)**  
 Note: Includes mastic and cleaning floor after installation is complete.

**09 65 16 23 Vinyl Sheet Flooring (09 65 16)**

**09 65 16 23-0001 Vinyl Sheet Flooring (09 65 16 23)**

Note: For flash cove application, add additional square foot of material to form cove base.

09 65	16 23-0002	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medintech®).....	9.52	0.85
			For Up To 40, Add	4.18	
			For >40 To 100, Add	2.09	
			For >1,000, Deduct	-0.78	
09 65	16 23-0003	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medley™).....	7.86	0.85
			For Up To 40, Add	3.85	
			For >40 To 100, Add	1.92	
			For >1,000, Deduct	-0.61	
09 65	16 23-0004	SF	0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Connection Corlon®).....	5.27	0.85
			For Up To 40, Add	3.33	
			For >40 To 100, Add	1.66	
			For >1,000, Deduct	-0.35	
09 65	16 23-0005	SF	0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Possibilities® Petit Point™).....	6.72	0.85
			For Up To 40, Add	3.62	
			For >40 To 100, Add	1.81	
			For >1,000, Deduct	-0.50	
09 65	16 23-0006	SF	0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring (Armstrong® Medintech Tandem®).....	8.85	0.85
			For Up To 40, Add	4.05	
			For >40 To 100, Add	2.02	
			For >1,000, Deduct	-0.71	
09 65	16 23-0007	SF	0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring (Armstrong® Safeguard®).....	12.07	0.85
			For Up To 40, Add	4.69	
			For >40 To 100, Add	2.34	
			For >1,000, Deduct	-1.03	

**09 65 16 23-0008 Heat Welding Vinyl Sheet Flooring Seams (09 65 16 23)**

Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.

09 65	16 23-0009	LF	Heat Weld Non-Patterned Vinyl Sheet Flooring Seams.....	7.91	
09 65	16 23-0010	LF	Heat Weld Patterned Vinyl Sheet Flooring Seams.....	8.26	

**09 65 16 23-0011 Forming Vinyl Sheet Flooring Inside/Outside Cove Corners (09 65 16 23)**

Note: Excludes heat welding.

09 65	16 23-0012	EA	Forming Vinyl Sheet Flooring Inside/Outside Cove Corners.....	19.10	
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**09 65 16 23-0013 Vinyl Sheet Flooring Accessories (09 65 16 23)**

09 65	16 23-0014	LF	1/2" Radius Vinyl Cove Filler Strip.....	4.06	
09 65	16 23-0015	LF	1-1/4" Radius Vinyl Cove Filler Strip.....	3.72	
09 65	16 23-0016	LF	1-1/2" Radius Vinyl Cove Filler Strip.....	5.47	
09 65	16 23-0017	LF	1/8" Aluminum Cove Cap.....	3.12	

**09 65 19 Resilient Tile Flooring (09 65)**

Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.

**09 65 19 19 Vinyl Composition Tile Flooring (09 65 19)**

**09 65 19 19-0001 Vinyl Composition Tile (VCT) (09 65 19 19)**

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.



<b>Finishes</b>	<b>09</b>	<b>09</b>
<b>Flooring</b>	<b>09 60</b>	
<b>Resilient Flooring</b>	<b>09 65</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 19-0002 SF 1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®) .....	3.39	1.72
For >1,000 To 3,000, Deduct	-0.08	
For >3,000 To 6,000, Deduct	-0.21	
For >6,000, Deduct	-0.39	
For 3/32" Thick, Deduct	-0.13	
For Extra Stock, Material Only, Deduct	-2.01	
09 65 19 19-0003 SF 1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™) .....	3.31	1.72
For >1,000 To 3,000, Deduct	-0.08	
For >3,000 To 6,000, Deduct	-0.21	
For >6,000, Deduct	-0.39	
For Extra Stock, Material Only, Deduct	-2.01	
09 65 19 19-0004 SF 1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®).....	3.31	1.72
For >1,000 To 3,000, Deduct	-0.08	
For >3,000 To 6,000, Deduct	-0.21	
For >6,000, Deduct	-0.39	
For Extra Stock, Material Only, Deduct	-2.01	
09 65 19 19-0005 SF 1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™) .....	4.42	1.72
For >1,000 To 3,000, Deduct	-0.10	
For >3,000 To 6,000, Deduct	-0.25	
For >6,000, Deduct	-0.46	
For Extra Stock, Material Only, Deduct	-2.01	
09 65 19 19-0006 SF 1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®).....	4.43	1.72
For >1,000 To 3,000, Deduct	-0.10	
For >3,000 To 6,000, Deduct	-0.25	
For >6,000, Deduct	-0.46	
For Extra Stock, Material Only, Deduct	-2.01	
09 65 19 19-0007 SF 1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®) .....	4.64	1.72
For >1,000 To 3,000, Deduct	-0.10	
For >3,000 To 6,000, Deduct	-0.26	
For >6,000, Deduct	-0.47	
For Extra Stock, Material Only, Deduct	-2.01	
09 65 19 19-0008 SF 1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®) .....	4.67	1.72
For >1,000 To 3,000, Deduct	-0.10	
For >3,000 To 6,000, Deduct	-0.26	
For >6,000, Deduct	-0.47	
For Extra Stock, Material Only, Deduct	-2.01	
09 65 19 19-0009 SF 1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™).....	4.81	1.72
For >1,000 To 3,000, Deduct	-0.11	
For >3,000 To 6,000, Deduct	-0.27	
For >6,000, Deduct	-0.48	
For Extra Stock, Material Only, Deduct	-2.01	
09 65 19 19-0010 SF 1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™) .....	6.02	1.72
For >1,000 To 3,000, Deduct	-0.13	
For >3,000 To 6,000, Deduct	-0.32	
For >6,000, Deduct	-0.55	
For Extra Stock, Material Only, Deduct	-2.01	
09 65 19 19-0011 SF 1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™).....	6.50	1.72
For >1,000 To 3,000, Deduct	-0.14	
For >3,000 To 6,000, Deduct	-0.33	
For >6,000, Deduct	-0.58	
For Extra Stock, Material Only, Deduct	-2.01	
<b>09 65 19 19-0012 Static Dissipative Vinyl Composition Tile (VCT)</b> <small>(09 65 19 19)</small>		
Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 2 through pattern tile as listed in the task description.		
09 65 19 19-0013 SF 1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™).....	16.21	1.72
For >1,000 To 3,000, Deduct	-0.34	
For >3,000 To 6,000, Deduct	-0.77	
For >6,000, Deduct	-1.29	
For Extra Stock, Material Only, Deduct	-3.40	
09 65 19 19-0014 SF 1/8" Thick, Static Dissipative, Solid Vinyl Composition Tile (VCT) (Staticworx, Ameriworx® ESD) .....	13.37	1.72
For Up To 20, Add	3.44	
For >20 To 40, Add	2.05	
For >40 To 80, Add	0.85	
For >1,000 To 3,000, Deduct	-0.29	
For >3,000 To 6,000, Deduct	-0.66	
For >6,000, Deduct	-1.12	
For Extra Stock, Material Only, Deduct	-3.40	
<b>09 65 19 23 Vinyl Tile Flooring</b> <small>(09 65 19)</small>		
09 65 19 23-0001 Vinyl Tile <small>(09 65 19 23)</small>		
Note: Any size.		
09 65 19 23-0002 Solid Vinyl Tile (SVT) <small>(09 65 19 23-0001)</small>		
Note: The following solid vinyl tiles are certified to ASTM F 1700.		
09 65 19 23-0003 SF 1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande) .....	7.46	1.72
For Up To 20, Add	2.29	
For >20 To 40, Add	1.33	
For >40 To 80, Add	0.52	
For >1,000 To 3,000, Deduct	-0.16	
For >3,000 To 6,000, Deduct	-0.40	
For >6,000, Deduct	-0.71	

**09 Finishes****09 60 Flooring****09 65 Resilient Flooring**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 23-0004	SF		1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Karim Kolors).....	7.63	1.72
			<i>For Up To 20, Add</i>	2.32	
			<i>For &gt;20 To 40, Add</i>	1.35	
			<i>For &gt;40 To 80, Add</i>	0.53	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.17	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.41	
			<i>For &gt;6,000, Deduct</i>	-0.72	
09 65 19 23-0005	SF		1/8" Thick, Slip Retardant, Class 1 Type B, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande SR) .....	7.74	1.72
			<i>For Up To 20, Add</i>	2.33	
			<i>For &gt;20 To 40, Add</i>	1.36	
			<i>For &gt;40 To 80, Add</i>	0.53	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.17	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.41	
			<i>For &gt;6,000, Deduct</i>	-0.73	
<b>09 65 19 23-0006</b>			<b>Luxury Vinyl Tile (LVT)</b> <small>(09 65 19 23-0001)</small>		
09 65 19 23-0007	SF		2.5mm Thick, Luxury Vinyl Tile (LVT) (Mannington Amtico) .....	12.08	1.72
			<i>For Up To 20, Add</i>	2.98	
			<i>For &gt;20 To 40, Add</i>	1.79	
			<i>For &gt;40 To 80, Add</i>	0.75	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.26	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.59	
			<i>For &gt;6,000, Deduct</i>	-0.99	
<b>09 65 19 33</b>			<b>Rubber Tile Flooring</b> <small>(09 65 19)</small>		
09 65 19 33-0001			<b>Rubber Tile</b> <small>(09 65 19 33)</small>		
09 65 19 33-0002			<b>Rubber Tile With Raised Discs, Assorted Colors</b> <small>(09 65 19 33-0001)</small>		
09 65 19 33-0003	SF		1/8" Thick Rubber Tile With Raised Discs.....	19.03	1.04
			Note: Smooth, raised disc or other patterned surface.		
			<i>For Up To 100, Add</i>	1.06	
09 65 19 33-0004	SF		3/16" Thick Rubber Tile With Raised Discs.....	23.03	1.15
			Note: Smooth, raised disc or other patterned surface.		
			<i>For Up To 100, Add</i>	1.27	
09 65 19 33-0005	SF		7/32" Thick Rubber Tile With Raised Discs.....	25.65	1.38
			Note: Smooth, raised disc or other patterned surface.		
			<i>For Up To 100, Add</i>	1.42	
<b>09 65 19 43</b>			<b>Polyester Composition Tile Flooring</b> <small>(09 65 19)</small>		
09 65 19 43-0001			<b>Polyester Composition Floor Tile</b> <small>(09 65 19 43)</small>		
			Note: Any size.		
09 65 19 43-0002	SF		1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Migrations®).....	4.46	1.72
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.10	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.25	
			<i>For &gt;6,000, Deduct</i>	-0.46	
			<i>For Extra Stock, Material Only, Deduct</i>	-2.01	
09 65 19 43-0003	SF		1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Striations®).....	4.97	1.72
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.11	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.27	
			<i>For &gt;6,000, Deduct</i>	-0.49	
			<i>For Extra Stock, Material Only, Deduct</i>	-2.01	
<b>09 65 23</b>			<b>Resilient Plank Flooring</b> <small>(09 65)</small>		
			Note: Includes mastic and cleaning floor after installation is complete.		
09 65 23 00-0001			<b>Vinyl Plank Flooring</b> <small>(09 65 23)</small>		
09 65 23 00-0002	SF		0.110" Overall Thickness, 0.012" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™) .....	7.26	0.85
			<i>For Up To 40, Add</i>	3.73	
			<i>For &gt;40 To 100, Add</i>	1.86	
			<i>For &gt;1,000, Deduct</i>	-0.55	
09 65 23 00-0003	SF		0.135" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™) .....	9.03	0.85
			<i>For Up To 40, Add</i>	4.08	
			<i>For &gt;40 To 100, Add</i>	2.04	
			<i>For &gt;1,000, Deduct</i>	-0.73	
09 65 23 00-0004	SF		0.16" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™) .....	10.13	0.85
			<i>For Up To 40, Add</i>	4.30	
			<i>For &gt;40 To 100, Add</i>	2.15	
			<i>For &gt;1,000, Deduct</i>	-0.84	
<b>09 65 43</b>			<b>Linoleum Flooring</b> <small>(09 65)</small>		
			Note: Includes mastic and cleaning floor after installation is complete.		
09 65 43 00-0001			<b>Linoleum Flooring</b> <small>(09 65 43)</small>		
09 65 43 00-0002	SF		Linoleum Tile (Forbo Marmoleum Composition Tile, MCT).....	6.63	1.72
09 65 43 00-0003	SF		2.5 mm, Linoleum Sheet (Forbo Marmoleum) .....	4.82	0.85
			<i>For 3.2mm Thickness, Add</i>	0.61	
			<i>For 2mm Thickness, Deduct</i>	-0.29	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Flooring	09 60	
Resilient Flooring	09 65	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 43 00-0004 LF Heat Weld Linoleum Sheet Flooring Seams ..... 7.91 Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.	7.91	
<b>09 65 66 Resilient Athletic Flooring (09 65)</b>		
<b>09 65 66 00-0001 Recycled Rubber, Interlocking Athletic Tiles (09 65 66)</b>		
09 65 66 00-0002 SF 3/8" Height, Recycled Rubber, Interlocking Athletic Tile ..... 6.53 <i>For Colors, Add</i> 1.08	6.53	0.80
09 65 66 00-0003 SF 1/2" Height, Recycled Rubber, Interlocking Athletic Tile ..... 7.61 <i>For Colors, Add</i> 1.24	7.61	1.01
09 65 66 00-0004 SF 3/4" Height, Recycled Rubber, Interlocking Athletic Tile ..... 9.01 <i>For Colors, Add</i> 1.34	9.01	1.61
09 65 66 00-0005 SF 1" Height, Recycled Rubber, Interlocking Athletic Tile ..... 12.93 <i>For Colors, Add</i> 2.03	12.93	1.95
<b>09 65 66 00-0006 Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tiles (09 65 66)</b>		
09 65 66 00-0007 SF 3/8" Height, Black Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-155) ..... 33.37 <i>For Colors, Add</i> 4.03	33.37	0.80
09 65 66 00-0008 SF 9/16" Height, Black Raised Squares Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-100) ..... 48.15 <i>For Colors, Add</i> 5.88	48.15	0.80
09 65 66 00-0009 SF 3/8" Height, Black Raised Discs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-100) ..... 35.23 <i>For Colors, Add</i> 4.26	35.23	0.80
09 65 66 00-0010 SF 9/16" Height, Black Raised Nubs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-200) ..... 43.29 <i>For Colors, Add</i> 5.27	43.29	0.80
09 65 66 00-0011 SF 7/16" Height, Black Reversible Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling FL-150) ..... 36.22 <i>For Colors, Add</i> 4.38	36.22	0.80
<b>09 65 66 00-0012 Sheet Goods For Gym (09 65 66)</b>		
09 65 66 00-0013 SF 1/4" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor ..... 17.67	17.67	3.44
09 65 66 00-0014 SF 9/32" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor ..... 18.69	18.69	3.55
09 65 66 00-0015 SF 3/8" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor ..... 19.57	19.57	3.67
09 65 66 00-0016 SF 1/8" Rubber Sheet Good For Gym Floor Base ..... 5.43	5.43	2.80
09 65 66 00-0017 SF 3/16" Rubber Sheet Good For Gym Floor Base ..... 6.13	6.13	3.21
09 65 66 00-0018 SF 1/4" Rubber Sheet Good For Gym Floor Base ..... 6.98	6.98	3.44
09 65 66 00-0019 SF 3/8" Rubber Sheet Good For Gym Floor Base ..... 7.64	7.64	3.67
09 65 66 00-0020 SF 1/2" Rubber Sheet Good For Gym Floor Base ..... 8.07	8.07	3.90
<b>09 65 66 00-0021 Polyurethane Floor Systems (09 65 66)</b>		
09 65 66 00-0022 SF 9 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic) ..... 21.88	21.88	2.29
<b>09 66 Terrazzo Flooring (09 60)</b>		
<b>09 66 13 Portland Cement Terrazzo Flooring (09 66)</b>		
Note: Excludes divider strips. See CSI section 09 66 33 00-0000 for conductive terrazzo.		
<b>09 66 13 13 Sand Cushion Terrazzo Flooring (09 66 13)</b>		
<b>09 66 13 13-0001 Floors Not Bonded To Concrete (09 66 13 13)</b>		
Note: 3" Thick - 5/8" topping and 1/4" sand cushion.		
09 66 13 13-0002 SF Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion ..... 37.58 <i>For Venetian Type Terrazzo, Add</i> 11.19 <i>For Abrasive Heavy Duty Terrazzo, Add</i> 11.19 <i>For Colors, Add</i> 5.59 <i>For Up To 100, Add</i> 8.32 <i>For &gt;100 To 250, Add</i> 4.16	37.58	2.85
09 66 13 13-0003 SF Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion ..... 37.80 <i>For Venetian Type Terrazzo, Add</i> 11.30 <i>For Abrasive Heavy Duty Terrazzo, Add</i> 11.30 <i>For Colors, Add</i> 5.65 <i>For Up To 100, Add</i> 8.34 <i>For &gt;100 To 250, Add</i> 4.17	37.80	2.85
<b>09 66 13 16 Monolithic Terrazzo Flooring (09 66 13)</b>		
09 66 13 16-0001 Monolithic Terrazzo (09 66 13 16)		

09	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 66 Terrazzo Flooring</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 13 16-0002 SF Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4' To 5' Square Panels Topping.....	21.81	2.85
Note: Including Mesh And Felt		
For Venetian Type Terrazzo, Add	8.15	
For Abrasive Heavy Duty Terrazzo, Add	8.15	
For Colors, Add	4.07	
For Up To 100, Add	3.84	
For >100 To 250, Add	1.92	
<b>09 66 13 19 Bonded Terrazzo Flooring (09 66 13)</b>		
<b>09 66 13 19-0001 Floors Bonded To Concrete (09 66 13 19)</b>		
Note: 1-3/4" Thick - 5/8" topping.		
09 66 13 19-0002 SF Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping.....	30.15	2.85
For Venetian Type Terrazzo, Add	9.23	
For Abrasive Heavy Duty Terrazzo, Add	9.23	
For Colors, Add	4.62	
For Up To 100, Add	6.52	
For >100 To 250, Add	3.26	
09 66 13 19-0003 SF Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping.....	30.37	2.85
For Venetian Type Terrazzo, Add	9.34	
For Abrasive Heavy Duty Terrazzo, Add	9.34	
For Colors, Add	4.67	
For Up To 100, Add	6.54	
For >100 To 250, Add	3.27	
<b>09 66 13 19-0004 Terrazzo Wainscot (09 66 13 19)</b>		
09 66 13 19-0005 SF 1-1/2" Thick Terrazzo Wainscot, Cast In Place, Bonded To Concrete Or Masonry.....	37.28	3.80
For Venetian Type Terrazzo, Add	5.98	
<b>09 66 13 19-0006 Terrazzo Base (09 66 13 19)</b>		
09 66 13 19-0007 SF 6" Cove Type Terrazzo Base, Cast In Place, Bonded To Concrete Or Masonry.....	42.92	3.03
For Venetian Type Terrazzo, Add	13.03	
<b>09 66 13 19-0008 Terrazzo Curb (09 66 13 19)</b>		
09 66 13 19-0009 LF 6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces.....	102.16	20.22
For Venetian Type Terrazzo, Add	17.38	
<b>09 66 13 19-0010 Stairs Cast In Place (09 66 13 19)</b>		
Note: Topping applied to concrete or metal.		
09 66 13 19-0011 LF 1-1/2" Thick x 12" Wide, Terrazzo Stair, Cast In Place, Bonded To Concrete Or Metal.....	37.41	5.70
For Each SF Of Abrasive Surface Finish, Add	0.35	
For Each LF Of Embedded Abrasive Strips, Add	0.56	
For Each LF Of Abrasive Metal Nosing, Add	3.90	
For Each SF Of Landings, Add	1.50	
09 66 13 19-0012 LF Terrazzo Stair Tread And Riser, Cast In Place, Bonded To Concrete Or Metal.....	90.99	19.00
For Each SF Of Abrasive Surface Finish, Add	0.35	
For Each LF Of Embedded Abrasive Strips, Add	0.56	
For Each LF Of Abrasive Metal Nosing, Add	3.90	
For Each SF Of Landings, Add	1.50	
09 66 13 19-0013 SF Terrazzo Stair Stringer And Fascia, Cast In Place, Bonded To Concrete Or Metal.....	38.07	5.70
For Each SF Of Abrasive Surface Finish, Add	0.35	
For Each LF Of Embedded Abrasive Strips, Add	0.56	
For Each LF Of Abrasive Metal Nosing, Add	3.90	
For Each SF Of Landings, Add	1.50	
<b>09 66 13 19-0014 Divider Strips (09 66 13 19)</b>		
09 66 13 19-0015 LF 1-1/4" Deep, 14 Gauge, Zinc Plated Steel, Divider Strip.....	4.71	0.95
09 66 13 19-0016 LF 1-1/4" Deep, 14 Gauge, Brass, Divider Strip.....	5.28	0.95
09 66 13 19-0017 LF 1-1/4" Deep, 1/4" Thick, Zinc Plated Steel, Heavy Top Strip.....	7.19	0.95
09 66 13 19-0018 LF 1-1/4" Deep, 1/4" Thick, Galvanized Steel Bottom, Brass, Heavy Top Strip.....	10.38	0.95
09 66 13 19-0019 LF 1/2" x 1/2", 16 Gauge, Zinc Plated Steel, Divider Strip For Thin Set Floors.....	4.58	0.95
09 66 13 19-0020 LF 1/2" x 1/2", 16 Gauge, Brass, Divider Strip For Thin Set Floors.....	6.59	0.95
09 66 13 19-0021 LF Vinyl Plastic, Divider Strip For Floor.....	4.41	0.95
<b>09 66 16 Terrazzo Floor Tile (09 66)</b>		
<b>09 66 16 13 Portland Cement Terrazzo Floor Tile (09 66 16)</b>		
<b>09 66 16 13-0001 Flooring Tiles (09 66 16 13)</b>		
Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".		
<b>09 66 16 13-0002 Terrazzo Tiles With Non Slip Surface (09 66 16 13-0001)</b>		
09 66 16 13-0003 SF 9" x 9" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile.....	34.44	2.80
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	





<b>Finishes</b>	<b>09</b>	<b>09</b>
Flooring	09 60	
Terrazzo Flooring	09 66	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 13-0004 SF 12" x 12" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile..... <i>For White Cement, Add</i> <i>For Venetian Type Terrazzo, Add</i>	35.61 0.36 2.00	2.80
09 66 16 13-0005 SF 12" x 12" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile ..... <i>For White Cement, Add</i> <i>For Venetian Type Terrazzo, Add</i>	41.53 0.36 2.00	2.80
09 66 16 13-0006 SF 18" x 18" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile ..... <i>For White Cement, Add</i> <i>For Venetian Type Terrazzo, Add</i>	45.06 0.36 2.00	2.80
09 66 16 13-0007 SF 24" x 24" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile ..... <i>For White Cement, Add</i> <i>For Venetian Type Terrazzo, Add</i>	47.87 0.36 2.00	2.80
<b>09 66 16 13-0008 Terrazzo Tile Thin Set</b> (09 66 16 13-0001)		
09 66 16 13-0009 SF Precast Terrazzo, 1/4"-1/2" Chips Floor Tiles, Thin Set Gray Cement Bed ..... <i>For White Cement, Add</i> <i>For Venetian Type Terrazzo, Add</i>	34.38 0.36 2.00	2.80
09 66 16 13-0010 SF Precast Terrazzo, 3/8"-1" Chips Floor Tiles, Thin Set Gray Cement Bed ..... <i>For White Cement, Add</i> <i>For Venetian Type Terrazzo, Add</i>	36.94 0.36 2.00	2.80
<b>09 66 16 13-0011 Thin Set Terrazzo Wainscot</b> (09 66 16 13-0001)		
09 66 16 13-0012 SF 12" x 12" x 1" Terrazzo Tile Wainscot Thin Set..... <i>For Each LF Of White Cement, Add</i> <i>For Each LF Of Zinc Toe Strip, Add</i>	52.52 0.50 1.00	6.06
09 66 16 13-0013 SF 18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set ..... <i>For Each LF Of White Cement, Add</i> <i>For Each LF Of Zinc Toe Strip, Add</i>	59.69 0.50 1.00	6.06
<b>09 66 16 13-0014 Thin Set Terrazzo Base, Gray Cement</b> (09 66 16 13-0001)		
09 66 16 13-0015 LF 6" High, Straight Terrazzo Base Thin Set, Gray Cement ..... <i>For Each LF Of White Cement, Add</i> <i>For Each LF Of Zinc Toe Strip, Add</i>	17.87 0.50 1.00	3.03
09 66 16 13-0016 LF 6" High, Cove Terrazzo Base Thin Set, Gray Cement ..... <i>For Each LF Of White Cement, Add</i> <i>For Each LF Of Zinc Toe Strip, Add</i>	20.23 0.50 1.00	3.03
09 66 16 13-0017 LF 8" High, Straight Terrazzo Base Thin Set, Gray Cement ..... <i>For Each LF Of White Cement, Add</i> <i>For Each LF Of Zinc Toe Strip, Add</i>	21.01 0.50 1.00	3.03
09 66 16 13-0018 LF 8" High, Cove Terrazzo Base Thin Set, Gray Cement ..... <i>For Each LF Of White Cement, Add</i> <i>For Each LF Of Zinc Toe Strip, Add</i>	22.19 0.50 1.00	3.03
<b>09 66 16 13-0019 Terrazzo Curbs</b> (09 66 16 13-0001)		
09 66 16 13-0020 LF 8" x 8" Curb, Terrazzo Tile..... <i>For Each LF Of White Cement, Add</i> <i>For Each LF Of Zinc Toe Strip, Add</i>	34.34 0.50 1.00	4.05
09 66 16 13-0021 LF 6" x 6" Curb, Terrazzo Tile..... <i>For Each LF Of White Cement, Add</i> <i>For Each LF Of Zinc Toe Strip, Add</i>	33.15 0.50 1.00	4.05
<b>09 66 16 13-0022 Precast Terrazzo Stair Treads 12" Wide</b> (09 66 16 13-0001)		
09 66 16 13-0023 LF 1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern .....	92.14	4.05
09 66 16 13-0024 LF 1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non Slip Surface .....	77.96	4.05
09 66 16 13-0025 LF 2" Precast Terrazzo Straight Stair Tread .....	68.51	4.05
09 66 16 13-0026 LF 2" Precast Terrazzo Curved Stair Tread.....	80.51	4.05
<b>09 66 16 13-0027 Stair Risers, 1" Thick To 6" High, Straight</b> (09 66 16 13-0001)		
09 66 16 13-0028 LF 1"-6" High Precast Terrazzo Stair Riser Straight Section, Thin Set.....	40.99	3.03
09 66 16 13-0029 LF 1"-6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set.....	48.08	3.03
<b>09 66 16 13-0030 Stair Risers, 1" Thick To 6" High, Curved</b> (09 66 16 13-0001)		
09 66 16 13-0031 LF 1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set .....	61.29	3.03
09 66 16 13-0032 LF 1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set.....	66.01	3.03
<b>09 66 16 13-0033 Tread And Riser</b> (09 66 16 13)		
<b>09 66 16 13-0034 Stair Stringers, Notched For Treads And Risers</b> (09 66 16 13-0033)		
09 66 16 13-0035 LF 1" Precast Terrazzo Stair Stringers Notched For Treads And Risers .....	101.66	8.09
09 66 16 13-0036 LF 2" Precast Terrazzo Stair Stringers Notched For Treads And Risers .....	123.00	8.09
<b>09 66 16 13-0037 Structural Non-Slip Landings</b> (09 66 16 13-0033)		
09 66 16 13-0038 SF 1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non Slip.....	73.59	4.05

09	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 66 Terrazzo Flooring</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 13-0039 SF 3" Thick Precast Terrazzo Stair Landing Structural, Non Slip.....	91.21	4.05
<b>09 66 16 13-0040 Combined Tread And Riser</b> <small>(09 66 16 13-0033)</small>		
<b>09 66 16 13-0041 Straight Sections</b> <small>(09 66 16 13-0040)</small>		
09 66 16 13-0042 LF Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section.....	163.41	8.09
09 66 16 13-0043 LF Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section.....	196.49	8.09
<b>09 66 16 13-0044 Curved Sections</b> <small>(09 66 16 13-0040)</small>		
09 66 16 13-0045 LF Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section.....	206.17	8.09
09 66 16 13-0046 LF Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section.....	262.87	8.09
<b>09 66 23 Resinous Matrix Terrazzo Flooring</b> <small>(09 66)</small>		
<b>09 66 23 16 Epoxy-Resin Terrazzo Flooring</b> <small>(09 66 23)</small>		
<b>09 66 23 16-0001 Epoxy Terrazzo</b> <small>(09 66 23 16)</small>		
09 66 23 16-0002 SF Chemical Resistant Epoxy Terrazzo, 1/4" Thick.....	29.32	2.85
<b>09 66 33 Conductive Terrazzo Flooring</b> <small>(09 66)</small>		
<i>Note: For anti-static areas.</i>		
<b>09 66 33 13 Conductive Epoxy-Resin Terrazzo</b> <small>(09 66 33)</small>		
09 66 33 13-0001 SF Terrazzo, Epoxy System, Floor Sparkproof, Conductive, Industrial.....	32.03	5.06
09 66 33 13-0002 SF Terrazzo, Epoxy System, Base Sparkproof, Conductive, Industrial.....	59.24	5.06
<b>09 66 33 16 Conductive Polyester-Resin Terrazzo Flooring</b> <small>(09 66 33)</small>		
09 66 33 16-0001 SF Terrazzo, Polyester System, Floor Sparkproof, Conductive, Industrial.....	24.31	5.06
09 66 33 16-0002 SF Terrazzo, Polyester System, Base Sparkproof, Conductive, Industrial.....	42.98	5.06
<b>09 66 33 19 Conductive Plastic-Matrix Terrazzo Flooring</b> <small>(09 66 33)</small>		
09 66 33 19-0001 SF Terrazzo, Polyacrylate System, Floor Sparkproof, Conductive, Industrial.....	27.07	5.06
09 66 33 19-0002 SF Terrazzo, Polyacrylate System, Base Sparkproof, Conductive, Industrial.....	53.10	5.06
09 66 33 19-0003 SF Terrazzo, Synthetic Latex Mastic System, Floor Sparkproof, Conductive, Industrial.....	40.09	5.06
09 66 33 19-0004 SF Terrazzo, Synthetic Latex Mastic System, Base Sparkproof, Conductive, Industrial.....	45.08	5.06
<b>09 67 Fluid-Applied Flooring</b> <small>(09 60)</small>		
<b>09 67 16 Epoxy-Marble Chip Flooring</b> <small>(09 67)</small>		
<b>09 67 16 00-0001 Epoxy Marble Chip Flooring</b> <small>(09 67 16)</small>		
09 67 16 00-0002 SF Epoxy Marble Floor With Colored Quartz Chips In 1/4" Base.....	15.54	2.85
<i>Note: Includes primer, 1/4" epoxy marble coat with quartz chips and top seal coat.</i>		
<i>For Skid Resistant Abrasive Sand Finish, Add</i>		<i>0.07</i>
<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>		<i>0.07</i>
09 67 16 00-0003 SF Epoxy Marble Chip Floor, Topping 3/16" Thick, Heavy Duty Epoxy.....	16.52	2.85
<i>Note: Includes primer, 3/16" marble chip coat and top seal coat.</i>		
<i>For Skid Resistant Abrasive Sand Finish, Add</i>		<i>0.08</i>
<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>		<i>0.08</i>
<b>09 67 23 Resinous Flooring</b> <small>(09 67)</small>		
<b>09 67 23 00-0001 Epoxy Resin Flooring</b> <small>(09 67 23)</small>		
<i>Note: Includes primer, slurry coat(s) and top coat(s) (assorted colors). Excludes existing floor preparation of sand/bead blasting or two pass floor grinding, degreasing and cleaning of existing floor system prior to application if applied directly to floor. Excludes floor patching, saw cutting joints, additional grinding of existing floor, leveling of floor, removal of existing floor or tiles, and applied markings or stripes. See CSI section 03 35 43 00-0001 for additional floor polish grinding.</i>		
09 67 23 00-0002 SF 3/16" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound.....	12.42	6.46
<i>Note: Includes primer, one 3/16" slurry coat and top seal coats (color).</i>		
<i>For Skid Resistant Abrasive Sand Finish, Add</i>		<i>0.05</i>
<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>		<i>0.05</i>
<i>For Up To 500, Add</i>		<i>2.34</i>
<i>For &gt;500 To 1,000, Add</i>		<i>1.48</i>
<i>For &gt;1,000 To 2,000, Add</i>		<i>0.74</i>
09 67 23 00-0003 SF 3/16" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound.....	18.24	6.46
<i>Note: Includes primer, one 3/16" slurry coat and top seal coats (color).</i>		
<i>For Skid Resistant Abrasive Sand Finish, Add</i>		<i>0.11</i>
<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>		<i>0.11</i>
<i>For Up To 500, Add</i>		<i>3.80</i>
<i>For &gt;500 To 1,000, Add</i>		<i>2.36</i>
<i>For &gt;1,000 To 2,000, Add</i>		<i>1.18</i>



<b>Finishes</b>	<b>09</b>	<b>09</b>
<b>Flooring</b>	<b>09 60</b>	
<b>Fluid-Applied Flooring</b>	<b>09 67</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 67 23 00-0004	SF		1/4" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound.....	14.85	7.22
			Note: Includes primer, two 1/8" slurry coats and top seal coats (color).		
			For Skid Resistant Abrasive Sand Finish, Add	0.05	
			For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	0.05	
			For Up To 500, Add	2.76	
			For >500 To 1,000, Add	1.75	
			For >1,000 To 2,000, Add	0.88	
09 67 23 00-0005	SF		1/4" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound .....	21.51	7.22
			Note: Includes primer, two 1/8" slurry coats and top seal coats (color).		
			For Skid Resistant Abrasive Sand Finish, Add	0.12	
			For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	0.12	
			For Up To 500, Add	4.43	
			For >500 To 1,000, Add	2.75	
			For >1,000 To 2,000, Add	1.38	
09 67 23 00-0006	SF		3/8" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound.....	16.75	8.08
			Note: Includes primer, two 3/16" slurry coats and top seal coats (color).		
			For Skid Resistant Abrasive Sand Finish, Add	0.06	
			For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	0.06	
			For Up To 500, Add	3.13	
			For >500 To 1,000, Add	1.99	
			For >1,000 To 2,000, Add	0.99	
09 67 23 00-0007	SF		3/8" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound .....	23.82	8.08
			Note: Includes primer, two 3/16" slurry coats and top seal coats (color).		
			For Skid Resistant Abrasive Sand Finish, Add	0.13	
			For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	0.13	
			For Up To 500, Add	4.90	
			For >500 To 1,000, Add	3.05	
			For >1,000 To 2,000, Add	1.52	

**09 68 Carpeting** (09 60)

Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.

**09 68 13 Tile Carpeting** (09 68)

**09 68 13 00-0001 Tufted Carpet Tiles** (09 68 13)

Note: Level-loop pile or textured-loop pile carpet tiles. Includes glue or peel and stick backing.

**09 68 13 00-0002 Non-Patterned Carpet Tiles** (09 68 13 00-0001)

09 68 13 00-0003	SY		18 Ounce, Non Patterned, Nylon Carpet Tile.....	40.05	6.90
			For >200 To 400, Deduct	-0.46	
			For >400 To 600, Deduct	-0.69	
			For >600 To 900, Deduct	-1.41	
			For >900 To 1,500, Deduct	-2.13	
			For >1,500 To 2,200, Deduct	-3.16	
			For >2,200 To 3,500, Deduct	-4.16	
			For >3,500, Deduct	-5.16	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0004	SY		20 Ounce, Non Patterned, Nylon Carpet Tile.....	41.45	6.90
			For >200 To 400, Deduct	-0.49	
			For >400 To 600, Deduct	-0.74	
			For >600 To 900, Deduct	-1.48	
			For >900 To 1,500, Deduct	-2.23	
			For >1,500 To 2,200, Deduct	-3.30	
			For >2,200 To 3,500, Deduct	-4.34	
			For >3,500, Deduct	-5.37	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0005	SY		22 Ounce, Non Patterned, Nylon Carpet Tile.....	45.91	6.90
			For >200 To 400, Deduct	-0.58	
			For >400 To 600, Deduct	-0.87	
			For >600 To 900, Deduct	-1.70	
			For >900 To 1,500, Deduct	-2.54	
			For >1,500 To 2,200, Deduct	-3.75	
			For >2,200 To 3,500, Deduct	-4.89	
			For >3,500, Deduct	-6.04	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0006	SY		24 Ounce, Non Patterned, Nylon Carpet Tile.....	50.25	6.90
			For >200 To 400, Deduct	-0.67	
			For >400 To 600, Deduct	-1.00	
			For >600 To 900, Deduct	-1.92	
			For >900 To 1,500, Deduct	-2.84	
			For >1,500 To 2,200, Deduct	-4.18	
			For >2,200 To 3,500, Deduct	-5.44	
			For >3,500, Deduct	-6.69	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0007	SY		26 Ounce, Non Patterned, Nylon Carpet Tile.....	52.79	6.90
			For >200 To 400, Deduct	-0.72	
			For >400 To 600, Deduct	-1.08	
			For >600 To 900, Deduct	-2.05	
			For >900 To 1,500, Deduct	-3.02	
			For >1,500 To 2,200, Deduct	-4.43	
			For >2,200 To 3,500, Deduct	-5.75	
			For >3,500, Deduct	-7.07	
			For Cushion Backed Tile, Add	6.00	

09	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 68 Carpeting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0008 SY 28 Ounce, Non Patterned, Nylon Carpet Tile.....	55.39	6.90
For >200 To 400, Deduct	-0.77	
For >400 To 600, Deduct	-1.15	
For >600 To 900, Deduct	-2.18	
For >900 To 1,500, Deduct	-3.20	
For >1,500 To 2,200, Deduct	-4.69	
For >2,200 To 3,500, Deduct	-6.08	
For >3,500, Deduct	-7.46	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0009 SY 30 Ounce, Non Patterned, Nylon Carpet Tile.....	56.16	6.90
For >200 To 400, Deduct	-0.79	
For >400 To 600, Deduct	-1.18	
For >600 To 900, Deduct	-2.22	
For >900 To 1,500, Deduct	-3.26	
For >1,500 To 2,200, Deduct	-4.77	
For >2,200 To 3,500, Deduct	-6.18	
For >3,500, Deduct	-7.58	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0010 SY 32 Ounce, Non Patterned, Nylon Carpet Tile.....	56.65	6.90
For >200 To 400, Deduct	-0.80	
For >400 To 600, Deduct	-1.19	
For >600 To 900, Deduct	-2.24	
For >900 To 1,500, Deduct	-3.29	
For >1,500 To 2,200, Deduct	-4.82	
For >2,200 To 3,500, Deduct	-6.24	
For >3,500, Deduct	-7.65	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0011 SY 34 Ounce, Non Patterned, Nylon Carpet Tile.....	57.05	6.90
For >200 To 400, Deduct	-0.80	
For >400 To 600, Deduct	-1.20	
For >600 To 900, Deduct	-2.26	
For >900 To 1,500, Deduct	-3.32	
For >1,500 To 2,200, Deduct	-4.86	
For >2,200 To 3,500, Deduct	-6.29	
For >3,500, Deduct	-7.71	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0012 SY 36 Ounce, Non Patterned, Nylon Carpet Tile.....	58.44	6.90
For >200 To 400, Deduct	-0.83	
For >400 To 600, Deduct	-1.25	
For >600 To 900, Deduct	-2.33	
For >900 To 1,500, Deduct	-3.41	
For >1,500 To 2,200, Deduct	-5.00	
For >2,200 To 3,500, Deduct	-6.46	
For >3,500, Deduct	-7.92	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0013 SY 38 Ounce, Non Patterned, Nylon Carpet Tile.....	61.19	6.90
For >200 To 400, Deduct	-0.89	
For >400 To 600, Deduct	-1.33	
For >600 To 900, Deduct	-2.47	
For >900 To 1,500, Deduct	-3.61	
For >1,500 To 2,200, Deduct	-5.27	
For >2,200 To 3,500, Deduct	-6.80	
For >3,500, Deduct	-8.33	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0014 SY 40 Ounce, Non Patterned, Nylon Carpet Tile.....	64.14	6.90
For >200 To 400, Deduct	-0.94	
For >400 To 600, Deduct	-1.42	
For >600 To 900, Deduct	-2.62	
For >900 To 1,500, Deduct	-3.81	
For >1,500 To 2,200, Deduct	-5.57	
For >2,200 To 3,500, Deduct	-7.17	
For >3,500, Deduct	-8.78	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0015 SY 42 Ounce, Non Patterned, Nylon Carpet Tile.....	69.81	6.90
For >200 To 400, Deduct	-1.06	
For >400 To 600, Deduct	-1.59	
For >600 To 900, Deduct	-2.90	
For >900 To 1,500, Deduct	-4.21	
For >1,500 To 2,200, Deduct	-6.14	
For >2,200 To 3,500, Deduct	-7.88	
For >3,500, Deduct	-9.63	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0016 SY Installation Of Owner Provided Non Patterned Carpet Tiles.....	16.58	

**09 68 13 00-0017 Patterned Carpet Tiles** (09 68 13 00-0001)

Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.



	<b>Finishes</b>	<b>09</b>
	Flooring	09 60
	Carpeting	09 68

02

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68	13 00-0018	SY	15 Ounce, Patterned, Nylon Carpet Tile .....	41.34	6.90
			<i>For &gt;200 To 400, Deduct</i>	-0.45	
			<i>For &gt;400 To 600, Deduct</i>	-0.68	
			<i>For &gt;600 To 900, Deduct</i>	-1.42	
			<i>For &gt;900 To 1,500, Deduct</i>	-2.15	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-3.20	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-4.24	
			<i>For &gt;3,500, Deduct</i>	-5.27	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68	13 00-0019	SY	18 Ounce, Patterned, Nylon Carpet Tile .....	42.09	6.90
			<i>For &gt;200 To 400, Deduct</i>	-0.47	
			<i>For &gt;400 To 600, Deduct</i>	-0.70	
			<i>For &gt;600 To 900, Deduct</i>	-1.45	
			<i>For &gt;900 To 1,500, Deduct</i>	-2.20	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-3.28	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-4.33	
			<i>For &gt;3,500, Deduct</i>	-5.38	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68	13 00-0020	SY	20 Ounce, Patterned, Nylon Carpet Tile .....	43.52	6.90
			<i>For &gt;200 To 400, Deduct</i>	-0.50	
			<i>For &gt;400 To 600, Deduct</i>	-0.75	
			<i>For &gt;600 To 900, Deduct</i>	-1.53	
			<i>For &gt;900 To 1,500, Deduct</i>	-2.30	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-3.42	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-4.51	
			<i>For &gt;3,500, Deduct</i>	-5.60	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68	13 00-0021	SY	22 Ounce, Patterned, Nylon Carpet Tile .....	48.04	6.90
			<i>For &gt;200 To 400, Deduct</i>	-0.59	
			<i>For &gt;400 To 600, Deduct</i>	-0.88	
			<i>For &gt;600 To 900, Deduct</i>	-1.75	
			<i>For &gt;900 To 1,500, Deduct</i>	-2.62	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-3.87	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-5.08	
			<i>For &gt;3,500, Deduct</i>	-6.28	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68	13 00-0022	SY	24 Ounce, Patterned, Nylon Carpet Tile .....	52.45	6.90
			<i>For &gt;200 To 400, Deduct</i>	-0.68	
			<i>For &gt;400 To 600, Deduct</i>	-1.02	
			<i>For &gt;600 To 900, Deduct</i>	-1.97	
			<i>For &gt;900 To 1,500, Deduct</i>	-2.93	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-4.32	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-5.63	
			<i>For &gt;3,500, Deduct</i>	-6.94	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68	13 00-0023	SY	26 Ounce, Patterned, Nylon Carpet Tile .....	55.03	6.90
			<i>For &gt;200 To 400, Deduct</i>	-0.73	
			<i>For &gt;400 To 600, Deduct</i>	-1.09	
			<i>For &gt;600 To 900, Deduct</i>	-2.10	
			<i>For &gt;900 To 1,500, Deduct</i>	-3.11	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-4.57	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-5.95	
			<i>For &gt;3,500, Deduct</i>	-7.32	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68	13 00-0024	SY	28 Ounce, Patterned, Nylon Carpet Tile .....	57.67	6.90
			<i>For &gt;200 To 400, Deduct</i>	-0.78	
			<i>For &gt;400 To 600, Deduct</i>	-1.17	
			<i>For &gt;600 To 900, Deduct</i>	-2.23	
			<i>For &gt;900 To 1,500, Deduct</i>	-3.29	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-4.84	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-6.28	
			<i>For &gt;3,500, Deduct</i>	-7.72	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68	13 00-0025	SY	30 Ounce, Patterned, Nylon Carpet Tile .....	58.45	6.90
			<i>For &gt;200 To 400, Deduct</i>	-0.80	
			<i>For &gt;400 To 600, Deduct</i>	-1.20	
			<i>For &gt;600 To 900, Deduct</i>	-2.27	
			<i>For &gt;900 To 1,500, Deduct</i>	-3.35	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-4.92	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-6.38	
			<i>For &gt;3,500, Deduct</i>	-7.84	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68	13 00-0026	SY	32 Ounce, Patterned, Nylon Carpet Tile .....	58.94	6.90
			<i>For &gt;200 To 400, Deduct</i>	-0.81	
			<i>For &gt;400 To 600, Deduct</i>	-1.21	
			<i>For &gt;600 To 900, Deduct</i>	-2.30	
			<i>For &gt;900 To 1,500, Deduct</i>	-3.38	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-4.96	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-6.44	
			<i>For &gt;3,500, Deduct</i>	-7.91	
			<i>For Cushion Backed Tile, Add</i>	6.00	

<b>09</b>	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 68 Carpeting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0027 SY 34 Ounce, Patterned, Nylon Carpet Tile .....	59.35	6.90
For >200 To 400, Deduct	-0.82	
For >400 To 600, Deduct	-1.22	
For >600 To 900, Deduct	-2.32	
For >900 To 1,500, Deduct	-3.41	
For >1,500 To 2,200, Deduct	-5.01	
For >2,200 To 3,500, Deduct	-6.49	
For >3,500, Deduct	-7.97	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0028 SY 36 Ounce, Patterned, Nylon Carpet Tile .....	60.76	6.90
For >200 To 400, Deduct	-0.84	
For >400 To 600, Deduct	-1.26	
For >600 To 900, Deduct	-2.39	
For >900 To 1,500, Deduct	-3.51	
For >1,500 To 2,200, Deduct	-5.15	
For >2,200 To 3,500, Deduct	-6.67	
For >3,500, Deduct	-8.18	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0029 SY 38 Ounce, Patterned, Nylon Carpet Tile .....	63.55	6.90
For >200 To 400, Deduct	-0.90	
For >400 To 600, Deduct	-1.35	
For >600 To 900, Deduct	-2.53	
For >900 To 1,500, Deduct	-3.70	
For >1,500 To 2,200, Deduct	-5.43	
For >2,200 To 3,500, Deduct	-7.01	
For >3,500, Deduct	-8.60	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0030 SY 40 Ounce, Patterned, Nylon Carpet Tile .....	66.55	6.90
For >200 To 400, Deduct	-0.96	
For >400 To 600, Deduct	-1.44	
For >600 To 900, Deduct	-2.68	
For >900 To 1,500, Deduct	-3.91	
For >1,500 To 2,200, Deduct	-5.73	
For >2,200 To 3,500, Deduct	-7.39	
For >3,500, Deduct	-9.05	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0031 SY 42 Ounce, Patterned, Nylon Carpet Tile .....	72.30	6.90
For >200 To 400, Deduct	-1.07	
For >400 To 600, Deduct	-1.61	
For >600 To 900, Deduct	-2.96	
For >900 To 1,500, Deduct	-4.32	
For >1,500 To 2,200, Deduct	-6.30	
For >2,200 To 3,500, Deduct	-8.11	
For >3,500, Deduct	-9.92	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0032 SY Installation Of Owner Provided Patterned Carpet Tiles.....	19.05	
<b>09 68 13 00-0033 ESD Static Control Carpet Tiles (StaticSmart Mission Critical Discovery</b>		
<b>ECO Series)</b> (09 68 13 00-0001)		
Note: Includes conductive ESD releasable adhesive and grounding clips.		
09 68 13 00-0034 SY 24 Ounce, ESD Static Control, Non-Patterned, Nylon Carpet Tile (StaticSmart Mission Critical Discovery ECO		
Series) .....	89.82	6.90
For >200 To 400, Deduct	-1.42	
For >400 To 600, Deduct	-2.14	
For >600 To 900, Deduct	-3.84	
For >900 To 1,500, Deduct	-5.54	
For >1,500 To 2,200, Deduct	-8.05	
For >2,200 To 3,500, Deduct	-10.30	
For >3,500, Deduct	-12.54	
<b>09 68 16 Sheet Carpeting</b> (09 68)		
Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.		
09 68 16 00-0001 Carpet Cushion (09 68 16)		
09 68 16 00-0002 Carpet Padding (09 68 16 00-0001)		
09 68 16 00-0003 Prime Polyurethane Foam Carpet Padding (09 68 16 00-0002)		
09 68 16 00-0004 SY 7/16" Thick, Prime Polyurethane Foam Carpet Padding.....	16.25	2.89
For >200 To 400, Deduct	-0.24	
For >400 To 600, Deduct	-0.36	
For >600 To 900, Deduct	-0.66	
For >900 To 1,500, Deduct	-0.96	
For >1,500 To 2,200, Deduct	-1.41	
For >2,200 To 3,500, Deduct	-1.81	
For >3,500, Deduct	-2.22	



	<b>Finishes</b>	<b>09</b>
	Flooring	09 60
	Carpeting	09 68

09

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0005	SY		1/2" Thick, Prime Polyurethane Foam Carpet Padding.....	16.94	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.25	
			<i>For &gt;400 To 600, Deduct</i>	-0.38	
			<i>For &gt;600 To 900, Deduct</i>	-0.69	
			<i>For &gt;900 To 1,500, Deduct</i>	-1.01	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-1.48	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-1.90	
			<i>For &gt;3,500, Deduct</i>	-2.32	
<b>09 68 16 00-0006</b>			<b>Bonded (Rebond) Polyurethane Foam Carpet Padding</b> (09 68 16 00-0002)		
09 68 16 00-0007	SY		1/4" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	10.18	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.12	
			<i>For &gt;400 To 600, Deduct</i>	-0.17	
			<i>For &gt;600 To 900, Deduct</i>	-0.36	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.54	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-0.80	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-1.05	
			<i>For &gt;3,500, Deduct</i>	-1.31	
09 68 16 00-0008	SY		5/16" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	10.66	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.13	
			<i>For &gt;400 To 600, Deduct</i>	-0.19	
			<i>For &gt;600 To 900, Deduct</i>	-0.38	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.57	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-0.85	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-1.11	
			<i>For &gt;3,500, Deduct</i>	-1.38	
09 68 16 00-0009	SY		3/8" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	8.41	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.08	
			<i>For &gt;400 To 600, Deduct</i>	-0.12	
			<i>For &gt;600 To 900, Deduct</i>	-0.27	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.41	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-0.62	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-0.83	
			<i>For &gt;3,500, Deduct</i>	-1.04	
09 68 16 00-0010	SY		3/8" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	10.34	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.12	
			<i>For &gt;400 To 600, Deduct</i>	-0.18	
			<i>For &gt;600 To 900, Deduct</i>	-0.36	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.55	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-0.82	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-1.07	
			<i>For &gt;3,500, Deduct</i>	-1.33	
09 68 16 00-0011	SY		7/16" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	10.34	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.12	
			<i>For &gt;400 To 600, Deduct</i>	-0.18	
			<i>For &gt;600 To 900, Deduct</i>	-0.36	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.55	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-0.82	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-1.07	
			<i>For &gt;3,500, Deduct</i>	-1.33	
09 68 16 00-0012	SY		7/16" Thick, 6 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	10.34	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.12	
			<i>For &gt;400 To 600, Deduct</i>	-0.18	
			<i>For &gt;600 To 900, Deduct</i>	-0.36	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.55	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-0.82	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-1.07	
			<i>For &gt;3,500, Deduct</i>	-1.33	
09 68 16 00-0013	SY		7/16" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	11.49	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.14	
			<i>For &gt;400 To 600, Deduct</i>	-0.21	
			<i>For &gt;600 To 900, Deduct</i>	-0.42	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.63	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-0.93	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-1.22	
			<i>For &gt;3,500, Deduct</i>	-1.50	
09 68 16 00-0014	SY		1/2" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	10.23	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.12	
			<i>For &gt;400 To 600, Deduct</i>	-0.18	
			<i>For &gt;600 To 900, Deduct</i>	-0.36	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.54	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-0.80	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-1.06	
			<i>For &gt;3,500, Deduct</i>	-1.32	
09 68 16 00-0015	SY		1/2" Thick, 6 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	10.61	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.12	
			<i>For &gt;400 To 600, Deduct</i>	-0.19	
			<i>For &gt;600 To 900, Deduct</i>	-0.38	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.57	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-0.84	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-1.11	
			<i>For &gt;3,500, Deduct</i>	-1.37	

**09 Finishes**

09 60 Flooring

09 68 Carpeting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0016	SY	1/2"	Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	11.97	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.15	
			<i>For &gt;400 To 600, Deduct</i>	-0.23	
			<i>For &gt;600 To 900, Deduct</i>	-0.45	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.66	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-0.98	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-1.28	
			<i>For &gt;3,500, Deduct</i>	-1.58	
<b>09 68 16 00-0017</b>			<b>Froth Polyurethane Foam Carpet Padding</b> (09 68 16 00-0002)		
09 68 16 00-0018	SY	0.175"	Thick, 16 LB/CF Froth Polyurethane Foam Rubber Carpet Padding.....	17.30	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.26	
			<i>For &gt;400 To 600, Deduct</i>	-0.39	
			<i>For &gt;600 To 900, Deduct</i>	-0.71	
			<i>For &gt;900 To 1,500, Deduct</i>	-1.04	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-1.51	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-1.94	
			<i>For &gt;3,500, Deduct</i>	-2.38	
09 68 16 00-0019	SY	0.250"	Thick, 12 LB/CF Froth Polyurethane Foam Rubber Carpet Padding.....	19.31	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.30	
			<i>For &gt;400 To 600, Deduct</i>	-0.45	
			<i>For &gt;600 To 900, Deduct</i>	-0.81	
			<i>For &gt;900 To 1,500, Deduct</i>	-1.18	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-1.71	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-2.19	
			<i>For &gt;3,500, Deduct</i>	-2.68	
09 68 16 00-0020	SY	0.250"	Thick, 16 LB/CF Froth Polyurethane Foam Rubber Carpet Padding.....	20.85	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.33	
			<i>For &gt;400 To 600, Deduct</i>	-0.49	
			<i>For &gt;600 To 900, Deduct</i>	-0.89	
			<i>For &gt;900 To 1,500, Deduct</i>	-1.28	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-1.87	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-2.39	
			<i>For &gt;3,500, Deduct</i>	-2.91	
<b>09 68 16 00-0021</b>			<b>Waffle Rubber Carpet Padding</b> (09 68 16 00-0002)		
09 68 16 00-0022	SY	3/8"	Thick, 90 OZ/SY Waffle Rubber Carpet Padding.....	19.84	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.31	
			<i>For &gt;400 To 600, Deduct</i>	-0.46	
			<i>For &gt;600 To 900, Deduct</i>	-0.84	
			<i>For &gt;900 To 1,500, Deduct</i>	-1.21	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-1.77	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-2.26	
			<i>For &gt;3,500, Deduct</i>	-2.76	
<b>09 68 16 00-0023</b>			<b>Flat Sponge Rubber Carpet Padding</b> (09 68 16 00-0002)		
09 68 16 00-0024	SY	0.156"	Thick, 62 OZ/SY Flat Sponge Rubber Carpet Padding.....	12.08	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.15	
			<i>For &gt;400 To 600, Deduct</i>	-0.23	
			<i>For &gt;600 To 900, Deduct</i>	-0.45	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.67	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-0.99	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-1.29	
			<i>For &gt;3,500, Deduct</i>	-1.59	
09 68 16 00-0025	SY	0.250"	Thick, 68 OZ/SY Flat Sponge Rubber Carpet Padding.....	12.90	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.17	
			<i>For &gt;400 To 600, Deduct</i>	-0.26	
			<i>For &gt;600 To 900, Deduct</i>	-0.49	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.73	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-1.07	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-1.39	
			<i>For &gt;3,500, Deduct</i>	-1.72	
09 68 16 00-0026	SY	0.250"	Thick, 80 OZ/SY Flat Sponge Rubber Carpet Padding.....	13.51	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.18	
			<i>For &gt;400 To 600, Deduct</i>	-0.27	
			<i>For &gt;600 To 900, Deduct</i>	-0.52	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.77	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-1.13	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-1.47	
			<i>For &gt;3,500, Deduct</i>	-1.81	
09 68 16 00-0027	SY	0.250"	Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding.....	15.40	2.89
			<i>For &gt;200 To 400, Deduct</i>	-0.22	
			<i>For &gt;400 To 600, Deduct</i>	-0.33	
			<i>For &gt;600 To 900, Deduct</i>	-0.62	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.90	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-1.32	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-1.71	
			<i>For &gt;3,500, Deduct</i>	-2.09	





<b>Finishes</b>	<b>09</b>	<b>09</b>
Flooring	09 60	
Carpeting	09 68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0028 SY 0.370" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding .....	15.57	2.89
For >200 To 400, Deduct	-0.22	
For >400 To 600, Deduct	-0.34	
For >600 To 900, Deduct	-0.63	
For >900 To 1,500, Deduct	-0.91	
For >1,500 To 2,200, Deduct	-1.34	
For >2,200 To 3,500, Deduct	-1.73	
For >3,500, Deduct	-2.12	
<b>09 68 16 00-0029 Synthetic Fiber Carpet Padding</b> (09 68 16 00-0002)		
09 68 16 00-0030 SY 0.235" Thick, 20 OZ/SY Synthetic Fiber Carpet Padding.....	5.97	2.89
For >200 To 400, Deduct	-0.03	
For >400 To 600, Deduct	-0.05	
For >600 To 900, Deduct	-0.15	
For >900 To 1,500, Deduct	-0.24	
For >1,500 To 2,200, Deduct	-0.38	
For >2,200 To 3,500, Deduct	-0.53	
For >3,500, Deduct	-0.68	
09 68 16 00-0031 SY 0.235" Thick, 24 OZ/SY Synthetic Fiber Carpet Padding.....	7.23	2.89
For >200 To 400, Deduct	-0.06	
For >400 To 600, Deduct	-0.09	
For >600 To 900, Deduct	-0.21	
For >900 To 1,500, Deduct	-0.33	
For >1,500 To 2,200, Deduct	-0.50	
For >2,200 To 3,500, Deduct	-0.68	
For >3,500, Deduct	-0.87	
09 68 16 00-0032 SY 0.275" Thick, 28 OZ/SY Synthetic Fiber Carpet Padding.....	6.65	2.89
For >200 To 400, Deduct	-0.05	
For >400 To 600, Deduct	-0.07	
For >600 To 900, Deduct	-0.18	
For >900 To 1,500, Deduct	-0.29	
For >1,500 To 2,200, Deduct	-0.45	
For >2,200 To 3,500, Deduct	-0.61	
For >3,500, Deduct	-0.78	
09 68 16 00-0033 SY 0.300" Thick, 32 OZ/SY Synthetic Fiber Carpet Padding.....	6.87	2.89
For >200 To 400, Deduct	-0.05	
For >400 To 600, Deduct	-0.07	
For >600 To 900, Deduct	-0.19	
For >900 To 1,500, Deduct	-0.31	
For >1,500 To 2,200, Deduct	-0.47	
For >2,200 To 3,500, Deduct	-0.64	
For >3,500, Deduct	-0.81	
09 68 16 00-0034 SY 0.350" Thick, 40 OZ/SY Synthetic Fiber Carpet Padding.....	8.16	2.89
For >200 To 400, Deduct	-0.08	
For >400 To 600, Deduct	-0.11	
For >600 To 900, Deduct	-0.25	
For >900 To 1,500, Deduct	-0.40	
For >1,500 To 2,200, Deduct	-0.60	
For >2,200 To 3,500, Deduct	-0.80	
For >3,500, Deduct	-1.01	
<b>09 68 16 00-0035 Double Stick Synthetic Fiber Carpet Padding</b> (09 68 16 00-0002)		
09 68 16 00-0036 SY 0.300" Thick, 32 OZ/SY Double Stick Synthetic Fiber Carpet Padding.....	8.55	2.89
For >200 To 400, Deduct	-0.08	
For >400 To 600, Deduct	-0.13	
For >600 To 900, Deduct	-0.27	
For >900 To 1,500, Deduct	-0.42	
For >1,500 To 2,200, Deduct	-0.64	
For >2,200 To 3,500, Deduct	-0.85	
For >3,500, Deduct	-1.06	
09 68 16 00-0037 SY 0.375" Thick, 40 OZ/SY Double Stick Synthetic Fiber Carpet Padding.....	9.55	2.89
For >200 To 400, Deduct	-0.10	
For >400 To 600, Deduct	-0.16	
For >600 To 900, Deduct	-0.32	
For >900 To 1,500, Deduct	-0.49	
For >1,500 To 2,200, Deduct	-0.74	
For >2,200 To 3,500, Deduct	-0.97	
For >3,500, Deduct	-1.21	
<b>09 68 16 00-0038 Residential Broadloom Carpet</b> (09 68 16)		
Note: Includes tacks. See CSI section 09 68 16 00-0001 for padding.		
09 68 16 00-0039 SY 25 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	38.22	7.71
For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add	3.36	
For Up To 15, Add	3.95	
For >15 To 33, Add	1.98	
For >200 To 400, Deduct	-0.37	
For >400 To 600, Deduct	-0.55	
For >600 To 900, Deduct	-1.22	
For >900, Deduct	-1.89	
For Installation On Stairs, Each Riser, Add	6.00	

**09 Finishes**

**09 60 Flooring**

**09 68 Carpeting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0040	SY		30 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	42.57	7.71
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	3.36	
			<i>For Up To 15, Add</i>	3.95	
			<i>For &gt;15 To 33, Add</i>	1.98	
			<i>For &gt;200 To 400, Deduct</i>	-0.46	
			<i>For &gt;400 To 600, Deduct</i>	-0.68	
			<i>For &gt;600 To 900, Deduct</i>	-1.44	
			<i>For &gt;900, Deduct</i>	-2.19	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0041	SY		32 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	48.54	7.71
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	3.36	
			<i>For Up To 15, Add</i>	3.95	
			<i>For &gt;15 To 33, Add</i>	1.98	
			<i>For &gt;200 To 400, Deduct</i>	-0.58	
			<i>For &gt;400 To 600, Deduct</i>	-0.86	
			<i>For &gt;600 To 900, Deduct</i>	-1.74	
			<i>For &gt;900, Deduct</i>	-2.61	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0042	SY		34 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	54.79	7.71
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	3.36	
			<i>For Up To 15, Add</i>	3.95	
			<i>For &gt;15 To 33, Add</i>	1.98	
			<i>For &gt;200 To 400, Deduct</i>	-0.70	
			<i>For &gt;400 To 600, Deduct</i>	-1.05	
			<i>For &gt;600 To 900, Deduct</i>	-2.05	
			<i>For &gt;900, Deduct</i>	-3.04	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0043	SY		40 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	55.87	7.71
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	3.36	
			<i>For Up To 15, Add</i>	3.95	
			<i>For &gt;15 To 33, Add</i>	1.98	
			<i>For &gt;200 To 400, Deduct</i>	-0.72	
			<i>For &gt;400 To 600, Deduct</i>	-1.08	
			<i>For &gt;600 To 900, Deduct</i>	-2.10	
			<i>For &gt;900, Deduct</i>	-3.12	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0044	SY		45 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	57.78	8.47
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	3.56	
			<i>For Up To 15, Add</i>	4.22	
			<i>For &gt;15 To 33, Add</i>	2.11	
			<i>For &gt;200 To 400, Deduct</i>	-0.73	
			<i>For &gt;400 To 600, Deduct</i>	-1.10	
			<i>For &gt;600 To 900, Deduct</i>	-2.15	
			<i>For &gt;900, Deduct</i>	-3.20	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0045	SY		48 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	59.65	8.47
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	3.56	
			<i>For Up To 15, Add</i>	4.22	
			<i>For &gt;15 To 33, Add</i>	2.11	
			<i>For &gt;200 To 400, Deduct</i>	-0.77	
			<i>For &gt;400 To 600, Deduct</i>	-1.16	
			<i>For &gt;600 To 900, Deduct</i>	-2.24	
			<i>For &gt;900, Deduct</i>	-3.33	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0046	SY		50 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	64.26	8.47
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	3.56	
			<i>For Up To 15, Add</i>	4.22	
			<i>For &gt;15 To 33, Add</i>	2.11	
			<i>For &gt;200 To 400, Deduct</i>	-0.86	
			<i>For &gt;400 To 600, Deduct</i>	-1.30	
			<i>For &gt;600 To 900, Deduct</i>	-2.47	
			<i>For &gt;900, Deduct</i>	-3.65	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0047	SY		60 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	64.80	8.47
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	3.56	
			<i>For Up To 15, Add</i>	4.22	
			<i>For &gt;15 To 33, Add</i>	2.11	
			<i>For &gt;200 To 400, Deduct</i>	-0.87	
			<i>For &gt;400 To 600, Deduct</i>	-1.31	
			<i>For &gt;600 To 900, Deduct</i>	-2.50	
			<i>For &gt;900, Deduct</i>	-3.69	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0048	SY		65 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	66.98	8.47
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	3.56	
			<i>For Up To 15, Add</i>	4.22	
			<i>For &gt;15 To 33, Add</i>	2.11	
			<i>For &gt;200 To 400, Deduct</i>	-0.92	
			<i>For &gt;400 To 600, Deduct</i>	-1.38	
			<i>For &gt;600 To 900, Deduct</i>	-2.61	
			<i>For &gt;900, Deduct</i>	-3.85	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	

- 09 68 16 00-0049 Commercial Broadloom Carpet (09 68 16)  
Note: Level-loop pile or textured-loop pile broadloom carpet.
- 09 68 16 00-0050 Non-Patterned Broadloom Carpet (09 68 16 00-0049)



<b>Finishes</b>	<b>09</b>	
Flooring	09 60	09
Carpeting	09 68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0051 SY 22 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet .....	50.05	28.31
For Up To 15, Add	3.78	
For >15 To 33, Add	1.89	
For >200 To 400, Deduct	-0.62	
For >400 To 600, Deduct	-0.94	
For >600 To 900, Deduct	-1.84	
For >900, Deduct	-2.75	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0052 SY 24 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet .....	50.05	28.31
For Up To 15, Add	3.78	
For >15 To 33, Add	1.89	
For >200 To 400, Deduct	-0.62	
For >400 To 600, Deduct	-0.94	
For >600 To 900, Deduct	-1.84	
For >900, Deduct	-2.75	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0053 SY 26 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet .....	50.05	28.31
For Up To 15, Add	3.78	
For >15 To 33, Add	1.89	
For >200 To 400, Deduct	-0.62	
For >400 To 600, Deduct	-0.94	
For >600 To 900, Deduct	-1.84	
For >900, Deduct	-2.75	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0054 SY 28 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet .....	54.25	30.68
For Up To 15, Add	4.09	
For >15 To 33, Add	2.05	
For >200 To 400, Deduct	-0.68	
For >400 To 600, Deduct	-1.01	
For >600 To 900, Deduct	-2.00	
For >900, Deduct	-2.98	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0055 SY 30 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet .....	55.20	30.68
For Up To 15, Add	4.09	
For >15 To 33, Add	2.05	
For >200 To 400, Deduct	-0.70	
For >400 To 600, Deduct	-1.04	
For >600 To 900, Deduct	-2.04	
For >900, Deduct	-3.05	
For Cut Pile Carpet, Add	1.50	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0056 SY 32 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet .....	55.37	30.68
For Up To 15, Add	4.09	
For >15 To 33, Add	2.05	
For >200 To 400, Deduct	-0.70	
For >400 To 600, Deduct	-1.05	
For >600 To 900, Deduct	-2.05	
For >900, Deduct	-3.06	
For Cut Pile Carpet, Add	1.50	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0057 SY 34 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet .....	60.74	33.03
For Up To 15, Add	4.40	
For >15 To 33, Add	2.20	
For >200 To 400, Deduct	-0.77	
For >400 To 600, Deduct	-1.16	
For >600 To 900, Deduct	-2.27	
For >900, Deduct	-3.37	
For Cut Pile Carpet, Add	1.50	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0058 SY 36 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet .....	61.43	33.03
For Up To 15, Add	4.40	
For >15 To 33, Add	2.20	
For >200 To 400, Deduct	-0.79	
For >400 To 600, Deduct	-1.18	
For >600 To 900, Deduct	-2.30	
For >900, Deduct	-3.42	
For Cut Pile Carpet, Add	1.50	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	

## 09 Finishes

## 09 60 Flooring

## 09 68 Carpeting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0059	SY		38 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet .....	62.27	33.03
			For Up To 15, Add	4.40	
			For >15 To 33, Add	2.20	
			For >200 To 400, Deduct	-0.81	
			For >400 To 600, Deduct	-1.21	
			For >600 To 900, Deduct	-2.34	
			For >900, Deduct	-3.48	
			For Cut Pile Carpet, Add	1.50	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0060			<b>Patterned Broadloom Carpet</b> (09 68 16 00-0049)		
			Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.		
09 68 16 00-0061	SY		22 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet .....	52.41	28.31
			For Up To 15, Add	4.15	
			For >15 To 33, Add	2.08	
			For >200 To 400, Deduct	-0.63	
			For >400 To 600, Deduct	-0.95	
			For >600 To 900, Deduct	-1.89	
			For >900, Deduct	-2.84	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0062	SY		24 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet .....	52.41	28.31
			For Up To 15, Add	4.15	
			For >15 To 33, Add	2.08	
			For >200 To 400, Deduct	-0.63	
			For >400 To 600, Deduct	-0.95	
			For >600 To 900, Deduct	-1.89	
			For >900, Deduct	-2.84	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0063	SY		26 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet .....	52.41	28.31
			For Up To 15, Add	4.15	
			For >15 To 33, Add	2.08	
			For >200 To 400, Deduct	-0.63	
			For >400 To 600, Deduct	-0.95	
			For >600 To 900, Deduct	-1.89	
			For >900, Deduct	-2.84	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0064	SY		28 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet .....	56.80	30.68
			For Up To 15, Add	4.50	
			For >15 To 33, Add	2.25	
			For >200 To 400, Deduct	-0.69	
			For >400 To 600, Deduct	-1.03	
			For >600 To 900, Deduct	-2.05	
			For >900, Deduct	-3.08	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0065	SY		30 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet .....	57.77	30.68
			For Up To 15, Add	4.50	
			For >15 To 33, Add	2.25	
			For >200 To 400, Deduct	-0.71	
			For >400 To 600, Deduct	-1.06	
			For >600 To 900, Deduct	-2.10	
			For >900, Deduct	-3.14	
			For Cut Pile Carpet, Add	1.50	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0066	SY		32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet .....	57.94	30.68
			For Up To 15, Add	4.50	
			For >15 To 33, Add	2.25	
			For >200 To 400, Deduct	-0.71	
			For >400 To 600, Deduct	-1.06	
			For >600 To 900, Deduct	-2.11	
			For >900, Deduct	-3.16	
			For Cut Pile Carpet, Add	1.50	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0067	SY		34 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet .....	63.53	33.03
			For Up To 15, Add	4.85	
			For >15 To 33, Add	2.42	
			For >200 To 400, Deduct	-0.79	
			For >400 To 600, Deduct	-1.18	
			For >600 To 900, Deduct	-2.33	
			For >900, Deduct	-3.48	
			For Cut Pile Carpet, Add	1.50	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Flooring	09 60	
Carpeting	09 68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0068	SY		36 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet.....	64.23	33.03
			<i>For Up To 15, Add</i>	4.85	
			<i>For &gt;15 To 33, Add</i>	2.42	
			<i>For &gt;200 To 400, Deduct</i>	-0.80	
			<i>For &gt;400 To 600, Deduct</i>	-1.20	
			<i>For &gt;600 To 900, Deduct</i>	-2.36	
			<i>For &gt;900, Deduct</i>	-3.53	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0069	SY		38 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet.....	65.08	33.03
			<i>For Up To 15, Add</i>	4.85	
			<i>For &gt;15 To 33, Add</i>	2.42	
			<i>For &gt;200 To 400, Deduct</i>	-0.82	
			<i>For &gt;400 To 600, Deduct</i>	-1.23	
			<i>For &gt;600 To 900, Deduct</i>	-2.41	
			<i>For &gt;900, Deduct</i>	-3.59	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0070			<b>Indoor/Outdoor Carpet</b> (09 68 16) Note: Includes waterproof glue.		
09 68 16 00-0071	SY		Nylon Indoor/Outdoor Carpet.....	43.80	5.78
09 68 16 00-0072	SY		Ozite Indoor/Outdoor Carpet.....	35.94	5.78
09 68 16 00-0073			<b>Carpet Accessories</b> (09 68 16)		
09 68 16 00-0074	LF		Metal Carpet Saddle Strip, Up To 4" Wide.....	5.15	0.79
09 68 16 00-0075			<b>Removal And Reinstallation Of Carpet And Pad</b> (09 68 16) Note: Includes storage, cleaning and supply materials.		
09 68 16 00-0076	SY		Removal And Reinstallation Of Carpet And Pad.....	39.83	
09 68 16 00-0077			<b>Carpeting Support Functions</b> (09 68 16)		
09 68 16 00-0078			<b>Relocate Partitions, Modular Work Stations</b> (09 68 16 00-0077) Note: Includes disassembly and reassembly of work station. Excludes electrical disconnection or reconnection.		
09 68 16 00-0079	EA		Relocate Modular Work Station .....	276.19	
09 68 16 00-0080			<b>Installation Of Owner Provided Broadloom Carpet</b> (09 68 16)		
09 68 16 00-0081	SY		Up To 24 Oz., Installation Of Owner Provided Broadloom Carpet.....	16.74	
			Note: Includes adhesive for glue-down or tack strip for padded installations.		
			<i>For Up To 15, Add</i>	3.28	
			<i>For &gt;15 To 33, Add</i>	1.64	
09 68 16 00-0082	SY		>24 To 34 Oz., Installation Of Owner Provided Broadloom Carpet .....	19.48	
			Note: Includes adhesive for glue-down or tack strip for padded installations.		
			<i>For Up To 15, Add</i>	3.83	
			<i>For &gt;15 To 33, Add</i>	1.92	
09 68 16 00-0083	SY		>34 Oz., Installation Of Owner Provided Broadloom Carpet.....	23.31	
			Note: Includes adhesive for glue-down or tack strip for padded installations.		
			<i>For Up To 15, Add</i>	4.60	
			<i>For &gt;15 To 33, Add</i>	2.30	
09 69			<b>Access Flooring</b> (09 60)		
09 69 13			<b>Rigid-Grid Access Flooring</b> (09 69)		
09 69 13 00-0001			<b>Panels, No Covering</b> (09 69 13)		
09 69 13 00-0002	SF		2' x 2' Panels - No Covering Access And Pedestal Floors.....	12.62	0.79
			<i>For Carpet Covering, Add</i>	2.77	
			<i>For Vinyl Floor Covering, Add</i>	1.91	
09 69 13 00-0003	SF		2' x 2' Perforated Panels Access And Pedestal Floors .....	23.70	0.79
			<i>For Carpet Covering, Add</i>	2.77	
			<i>For Vinyl Floor Covering, Add</i>	1.91	
09 69 13 00-0004	SF		Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T .....	22.08	0.86
09 69 13 00-0005	SF		Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T .....	22.08	0.86
09 69 13 00-0006	SF		Tate 1250AS Panel Cover UTP Designer Plus Color Moondance 6808.....	22.08	0.86
09 69 13 00-0007	SF		Tate 1250AS Panel Cover UTP Designer Plus Color Mosaic 6280 .....	22.08	0.86
09 69 13 00-0008	SF		Tate 1250AS Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim .....	20.88	0.86
09 69 13 00-0009	SF		Tate 1250AS Panel Cover HPL 1/8" Nevamar ST-1 Gray Star/Black Trim.....	20.88	0.86
09 69 13 00-0010	SF		Tate Concore 1500 Panel Cover UTP Designer Plus Color Raf Blue 7153T .....	23.58	0.86
09 69 13 00-0011	SF		Tate Concore 1500 Panel Cover UTP Designer Plus Color Sage Brown 7777T .....	23.58	0.86
09 69 13 00-0012	SF		Tate Concore 1500 Panel Cover UTP Designer Plus Color Moondance 6808.....	23.58	0.86
09 69 13 00-0013	SF		Tate Concore 1500 Panel Cover UTP Designer Plus Color Mosaic 6280 .....	23.58	0.86
09 69 13 00-0014	SF		Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim .....	22.38	0.86
09 69 13 00-0015	SF		Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-1 Grey Star/Black Trim .....	22.38	0.86

**09 Finishes****09 60 Flooring****09 69 Access Flooring**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 69 13 00-0016	SF		Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST2-2 Beige Star Trim .....	28.33	0.86
09 69 13 00-0017	SF		Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST6-1 Gray Star Trim.....	28.33	0.86
<b>09 69 13 00-0018</b>			<b>Pedestals</b> (09 69 13)		
09 69 13 00-0019	EA		6" To 12" Finished Floor Height, Pedestal Assembly .....	28.30	3.95
09 69 13 00-0020	EA		8" To 12" Finished Floor Height, Pedestal Assembly .....	29.80	3.95
09 69 13 00-0021	EA		18" To 24" Finished Floor Height, Pedestal Assembly.....	30.54	3.95
09 69 13 00-0022	EA		30" To 36" Finished Floor Height, Pedestal Assembly .....	33.26	3.95
<b>09 69 13 00-0023</b>			<b>Stringers</b> (09 69 13)		
09 69 13 00-0024	EA		2' Bolted Stringers, Access And Pedestal Floors .....	15.05	4.74
09 69 13 00-0025	EA		4' Bolted Stringers, Access And Pedestal Floors .....	25.86	7.10
09 69 13 00-0026	EA		6' Bolted Stringers, Access And Pedestal Floors .....	41.04	11.84
<b>09 69 13 00-0027</b>			<b>Understructure</b> (09 69 13)		
09 69 13 00-0028	SF		Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height.....	6.09	1.18
<b>09 69 53</b>			<b>Access Flooring Accessories</b> (09 69)		
<b>09 69 53 00-0001</b>			<b>Accessories</b> (09 69 53)		
09 69 53 00-0002	LF		Accessories, Handrail Access And Pedestal Floors.....	46.43	5.52
09 69 53 00-0003	LF		Accessories, Fascia Plate Access And Pedestal Floors .....	19.64	5.52
09 69 53 00-0004	EA		Machine Cutouts.....	152.41	
09 69 53 00-0005	SF		Hammered Aluminum Finish Fascia .....	33.75	2.60
			Note: Includes trim angles and hardware (8", 12", 18", 24").		
09 69 53 00-0006	EA		Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material .....	36.24	
09 69 53 00-0007	EA		Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003).....	36.24	
09 69 53 00-0008	EA		Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4 .....	149.88	9.86
09 69 53 00-0009	EA		Flush Mounted Telephone Box (Grey/Black/Communications).....	107.08	9.86
			Note: Includes cut hole.		
09 69 53 00-0010	EA		Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4 .....	149.88	9.86
09 69 53 00-0011	EA		Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2 .....	75.52	1.58
<b>09 69 53 00-0012</b>			<b>Final Cleaning For Computer Room Raised Floor System</b> (09 69 53)		
			Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.		
09 69 53 00-0013	SF		Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor .....	2.70	
09 69 53 00-0014	SF		Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath.....	2.79	
09 69 53 00-0015	SF		Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor.....	2.76	
<b>09 70</b>			<b>Wall Finishes</b> (09)		
<b>09 72</b>			<b>Wall Coverings</b> (09 70)		
<b>09 72 13</b>			<b>Cork Wall Coverings</b> (09 72)		
<b>09 72 13 00-0001</b>			<b>Cork Wall Covering</b> (09 72 13)		
09 72 13 00-0002	SF		1/8" Cork Wall Covering.....	4.97	0.93
09 72 13 00-0003	SF		1/4" Cork Wall Covering.....	5.87	0.93
09 72 13 00-0004	SF		1/2" Cork Wall Covering.....	6.58	0.93
09 72 13 00-0005	SF		3/4" Cork Wall Covering.....	8.68	0.93
<b>09 72 16</b>			<b>Vinyl-Coated Fabric Wall Coverings</b> (09 72)		
<b>09 72 16 13</b>			<b>Flexible Vinyl Wall Coverings</b> (09 72 16)		
<b>09 72 16 13-0001</b>			<b>Vinyl Wall Coverings</b> (09 72 16 13)		
			Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.		
09 72 16 13-0002	SF		7-10 Oz/SY Vinyl Wall Covering .....	3.08	0.93
			For Owner Furnished Material, Deduct .....	-1.63	
09 72 16 13-0003	SF		11-14 Oz/SY Vinyl Wall Covering .....	3.92	0.93
			For Owner Furnished Material, Deduct .....	-2.37	
09 72 16 13-0004	SF		15-19 Oz/SY Vinyl Wall Covering .....	4.52	0.93
			For Owner Furnished Material, Deduct .....	-2.97	
09 72 16 13-0005	SF		20 To 25 Ounces/SY Vinyl Wall Covering.....	5.38	0.93
			For Owner Furnished Material, Deduct .....	-3.43	
09 72 16 13-0006	SF		26-32 Oz/SY Vinyl Wall Covering .....	6.20	0.93
			For Owner Furnished Material, Deduct .....	-4.17	
09 72 16 13-0007	SF		33-38 Oz/SY Vinyl Wall Covering .....	7.40	0.93
			For Owner Furnished Material, Deduct .....	-5.27	
<b>09 72 23</b>			<b>Wallpapering</b> (09 72)		



		<b>Finishes</b>	<b>09</b>
		Wall Finishes	09 70
		Wall Coverings	09 72

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 72 23 00-0001</b> <b>Wallpaper Coverings</b> <small>(09 72 23)</small>		
Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.		
09 72 23 00-0002    SF    Average Quality Wallpaper (Standard Grade) .....	2.25	1.24
09 72 23 00-0003    SF    High Quality Wallpaper (Designer Grade) .....	3.65	1.58
09 72 23 00-0004    SF    Textured Paintable Paper Installed On Ceiling .....	3.36	2.34
 <b>09 73    Wall Carpeting</b> <small>(09 70)</small>		
<b>09 73 00 00-0001</b> <b>Carpet Wall Covering</b> <small>(09 73)</small>		
09 73 00 00-0002    SY    28 Ounce, Nylon Carpet Wall Covering .....	50.68	31.44
09 73 00 00-0003    SY    32 Ounce, Nylon Carpet Wall Covering .....	51.66	31.44
09 73 00 00-0004    SY    34 Ounce, Nylon Carpet Wall Covering .....	56.08	33.86
09 73 00 00-0005    SY    35 Ounce, Nylon Carpet Wall Covering .....	59.36	33.86
09 73 00 00-0006    SY    36 Ounce, Nylon Carpet Wall Covering .....	62.73	33.86
09 73 00 00-0007    SY    38 Ounce, Nylon Carpet Wall Covering .....	63.92	33.86
09 73 00 00-0008    SY    40 Ounce, Nylon Carpet Wall Covering .....	66.37	36.57
09 73 00 00-0009    SY    42 Ounce, Nylon Carpet Wall Covering .....	69.02	36.57
 <b>09 74    Flexible Wood Sheets</b> <small>(09 70)</small>		
<b>09 74 16    Flexible Wood Veneers</b> <small>(09 74)</small>		
<b>09 74 16 00-0001</b> <b>Flexible Wood Veneer</b> <small>(09 74 16)</small>		
09 74 16 00-0002    SF    1/32" Thick, Flexible Maple Wood Veneer .....	9.75	3.73
09 74 16 00-0003    SF    1/32" Thick, Flexible Oak Wood Veneer .....	9.89	3.73
09 74 16 00-0004    SF    1/32" Thick, Flexible Mahogany Wood Veneer .....	9.89	3.73
09 74 16 00-0005    SF    1/32" Thick, Flexible Birch Wood Veneer .....	10.04	3.73
09 74 16 00-0006    SF    1/32" Thick, Flexible Walnut Wood Veneer .....	10.75	3.73
09 74 16 00-0007    SF    1/32" Thick, Flexible Bamboo Wood Veneer .....	11.61	3.73
09 74 16 00-0008    SF    1/32" Thick, Flexible Fir Wood Veneer .....	12.62	3.73
 <b>09 74 16 00-0009</b> <b>Flexible Exotic Wood Veneer</b> <small>(09 74 16)</small>		
09 74 16 00-0010    SF    1/32" Thick, Flexible Exotic Wood Veneer .....	15.10	3.73
 <b>09 77    Special Wall Surfacing</b> <small>(09 70)</small>		
<b>09 77 11    Special Wall Panels</b> <small>(09 77)</small>		
<b>09 77 11 00-0001</b> <b>Corian Wall Panels</b> <small>(09 77 11)</small>		
<b>09 77 11 00-0002</b> <b>Wall Panels</b> <small>(09 77 11 00-0001)</small>		
09 77 11 00-0003    SF    1/4" Corian Wall Panels, Sea Grass .....	38.05	5.86
For >500, Deduct	2.63	
09 77 11 00-0004    SF    1/4" Corian Wall Panels, Aqua .....	45.30	5.86
For >500, Deduct	3.36	
09 77 11 00-0005    SF    1/4" Corian Wall Panels, Everest .....	48.28	5.86
For >500, Deduct	3.66	
 <b>09 77 11 00-0006</b> <b>Corian Corner Guards For Wall Panels</b> <small>(09 77 11 00-0001)</small>		
09 77 11 00-0007    SF    1/2" Curved Corner Guard For Corian Wall Panels, Sea Grass .....	101.68	4.68
09 77 11 00-0008    SF    1/2" Curved Corner Guard For Corian Wall Panels, Aqua .....	109.69	4.68
09 77 11 00-0009    SF    1/2" Curved Corner Guard For Corian Wall Panels, Everest .....	99.29	4.68
 <b>09 80    Acoustic Treatment</b> <small>(09)</small>		
<b>09 81    Acoustic Insulation</b> <small>(09 80)</small>		
<b>09 81 16    Acoustic Blanket Insulation</b> <small>(09 81)</small>		
<b>09 81 16 00-0001</b> <b>Sound Attenuation Fire Blankets (SAFB)</b> <small>(09 81 16)</small>		
<b>09 81 16 00-0002</b> <b>2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB)</b> <small>(09 81 16 00-0001)</small>		
09 81 16 00-0003    SF    1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) .....	1.92	0.35
09 81 16 00-0004    SF    2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) .....	2.05	0.35
09 81 16 00-0005    SF    2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) .....	2.24	0.35
09 81 16 00-0006    SF    3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) .....	2.38	0.35
09 81 16 00-0007    SF    3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) .....	2.56	0.35
09 81 16 00-0008    SF    4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) .....	2.74	0.35
09 81 16 00-0009    SF    5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) .....	2.97	0.35
09 81 16 00-0010    SF    6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) .....	3.23	0.35
 <b>09 81 16 00-0011</b> <b>4 PCF Density, Sound Attenuation Fire Blankets (SAFB)</b> <small>(09 81 16 00-0001)</small>		
09 81 16 00-0012    SF    1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) .....	1.89	0.35

<b>09</b>	<b>09 Finishes</b>
	<b>09 80 Acoustic Treatment</b>
	<b>09 81 Acoustic Insulation</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>09 81 16 00-0013</b>	<b>Sound Attenuation Batts</b> <small>(09 81 16)</small>		
	<small>Note: NoiseReducer® by Certaineed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.</small>		
09 81 16 00-0014	SF 2-1/2" Thick, Unfaced Sound Attenuation Batt.....	1.21	0.47
09 81 16 00-0015	SF 3-1/2" Thick, Unfaced Sound Attenuation Batt.....	1.28	0.47
09 81 16 00-0016	SF 3-1/2" Thick, Kraft Faced Sound Attenuation Batt.....	1.33	0.47
09 81 16 00-0017	SF 5-1/2" Thick, Unfaced Sound Attenuation Batt.....	1.46	0.47
09 81 16 00-0018	SF 5-1/2" Thick, Kraft Faced Sound Attenuation Batt.....	1.50	0.47
09 81 16 00-0019	SF 6-1/4" Thick, Unfaced Sound Attenuation Batt.....	1.49	0.47
09 81 16 00-0020	SF 6-1/4" Thick, Kraft Faced Sound Attenuation Batt.....	1.54	0.47

**09 84 Acoustic Room Components** (09 80)

**09 84 13 Fixed Sound-Absorptive Panels** (09 84)

<b>09 84 13 00-0001</b>	<b>Sound Absorbing Panels And Attenuation Blankets</b> <small>(09 84 13)</small>		
	<small>Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system. See CSI section 09 22 13 00-0000 for furring, 09 53 23 00-0000 for suspended ceiling support.</small>		
09 84 13 00-0002	SF 3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler.....	10.68	2.34
09 84 13 00-0003	SF 1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls.....	15.46	2.34

**09 84 13 00-0004 Sound Absorbing Acoustical Wall Panel System** (09 84 13)

<b>09 84 13 00-0005</b>	<b>Fiberglass, Sound Absorbing Wall Panel System</b> <small>(09 84 13 00-0004)</small>		
	<small>Note: Includes molding and mounting hardware for flush mount. All panels are 3/4" thick.</small>		
09 84 13 00-0006	SF Woven Fabric Covered, Fiberglass, Sound Absorbing Wall Panel System (Maharam Tek-Wall).....	16.97	2.64
09 84 13 00-0007	SF Woven Fabric Covered, Fiberglass, Sound Absorbing Wall Panel System (Maharam Adorn) .....	20.39	2.64

**09 84 13 00-0008 Sound Absorbing Panel, Eggcrate Style** (09 84 13)

	<small>Note: Ceiling or wall hung back.</small>		
09 84 13 00-0009	SF 2" Thick Polyurethane Sound Wave (Eggcrate Style).....	10.39	
	<i>For Pyramid Style, Add</i>	1.18	
09 84 13 00-0010	SF 3" Thick Polyurethane Sound Wave (Eggcrate Style).....	13.39	
	<i>For Pyramid Style, Add</i>	1.18	
09 84 13 00-0011	SF 4" Thick Polyurethane Sound Wave (Eggcrate Style).....	17.06	
	<i>For Pyramid Style, Add</i>	1.18	
09 84 13 00-0012	SF 2" Thick Melamine Sound Wave (Eggcrate Style) .....	12.94	
	<i>For Eggcrate Style With Hypalon Coating, Add</i>	1.97	
	<i>For Pyramid Style, Add</i>	2.05	
	<i>For Pyramid Style With Hypalon Coating, Add</i>	4.02	
09 84 13 00-0013	SF 3" Thick Melamine Sound Wave (Eggcrate Style) .....	27.41	
	<i>For Eggcrate Style With Hypalon Coating, Add</i>	1.97	
	<i>For Pyramid Style, Add</i>	0.42	
	<i>For Pyramid Style With Hypalon Coating, Add</i>	2.40	
09 84 13 00-0014	SF 4" Thick Melamine Sound Wave (Eggcrate Style) .....	34.93	
	<i>For Eggcrate Style With Hypalon Coating, Add</i>	1.97	
	<i>For Pyramid Style, Add</i>	0.42	
	<i>For Pyramid Style With Hypalon Coating, Add</i>	2.40	

**09 84 13 00-0015 Sound Deadening Fiberboard** (09 84 13)

09 84 13 00-0016	SF 1/2" Sound Deadening Fiberboard.....	1.92	0.58
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.36	
	<i>For Horizontal Installation &gt;10' High, Add</i>	0.54	
	<i>For Walls &gt;10' High, Add</i>	0.09	
	<i>For Up To 128, Add</i>	0.60	
	<i>For &gt;128 To 320, Add</i>	0.35	

**09 90 Painting and Coating** (09)

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, sanding between coats, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 01 56 16 00-0001 for temporary plastic sheeting to protect existing equipment or materials, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required.

**09 91 Painting** (09 90)

**09 91 13 Exterior Painting** (09 91)

Note: Acrylic latex paint unless otherwise stated. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss.

09 91 13 00-0001	Paint Exterior Walls/Siding <small>(09 91 13)</small>
09 91 13 00-0002	Paint Exterior Brick Walls <small>(09 91 13 00-0001)</small>





<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0003 LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Brick Walls.....	0.23	
For Oil Based Paint, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.05	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.08	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.11	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.15	
For >100 To 250, Add	0.07	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.05	
09 91 13 00-0004 SF 1 Coat Filler, Brush Work, Paint Exterior Brick Walls.....	0.99	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.33	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.46	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.65	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 13 00-0005 SF 1 Coat Paint, Brush Work, Paint Exterior Brick Walls .....	1.42	
For Oil Based Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.31	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.49	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.68	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.95	
For >100 To 250, Add	0.45	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	
09 91 13 00-0006 SF 2 Coats Paint, Brush Work, Paint Exterior Brick Walls .....	2.03	
For Oil Based Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.25	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.41	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.66	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.91	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.29	
For >100 To 250, Add	0.62	
For >250 To 500, Add	0.27	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.20	
For >10,000 To 20,000, Deduct	-0.30	
For >20,000, Deduct	-0.41	
09 91 13 00-0007 SF 1 Coat Filler, Brush/Roller Work, Paint Exterior Brick Walls .....	0.66	
For Oil Based Paint, Add	0.04	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.20	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.28	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.40	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0008	SF	1	Coat Paint, Brush/Roller Work, Paint Exterior Brick Walls.....	1.08	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.21	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.34	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.46	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.67	
			For >100 To 250, Add	0.32	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.22	
09 91 13 00-0009	SF	2	Coats Paint, Brush/Roller Work, Paint Exterior Brick Walls.....	1.59	
			For Oil Based Paint, Add	0.10	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.29	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.46	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.64	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.93	
			For >100 To 250, Add	0.45	
			For >250 To 500, Add	0.20	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.16	
			For >10,000 To 20,000, Deduct	-0.24	
			For >20,000, Deduct	-0.32	
09 91 13 00-0010	SF	1	Coat Filler, Sprayed, Paint Exterior Brick Walls.....	0.59	
			For Oil Based Paint, Add	0.04	
			For Work >15' To 20' Above Floor, Add	0.06	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.10	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.16	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.22	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.33	
			For >100 To 250, Add	0.16	
			For >250 To 500, Add	0.07	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 20,000, Deduct	-0.09	
			For >20,000, Deduct	-0.12	
09 91 13 00-0011	SF	1	Coat Paint, Sprayed, Paint Exterior Brick Walls.....	0.58	
			For Oil Based Paint, Add	0.04	
			For Work >15' To 20' Above Floor, Add	0.05	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.08	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.12	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.17	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.27	
			For >100 To 250, Add	0.14	
			For >250 To 500, Add	0.06	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 20,000, Deduct	-0.09	
			For >20,000, Deduct	-0.12	
09 91 13 00-0012	SF	2	Coats Paint, Sprayed, Paint Exterior Brick Walls.....	1.25	
			For Oil Based Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.32	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.43	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.66	
			For >100 To 250, Add	0.32	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.19	
			For >20,000, Deduct	-0.25	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 91 13 00-0013    Paint Exterior Concrete Walls</b> <small>(09 91 13 00-0001)</small>		
09 91 13 00-0014    LF    1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Walls .....	0.15	
For Oil Based Paint, Add	0.01	
For Epoxy Paint, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.02	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.03	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.05	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.07	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.10	
For >100 To 250, Add	0.05	
For >250 To 500, Add	0.02	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.02	
For >20,000, Deduct	-0.03	
09 91 13 00-0015    SF    1 Coat Filler, Brush Work, Paint Exterior Concrete Walls .....	0.85	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.39	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.55	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
09 91 13 00-0016    SF    1 Coat Filler, Brush Work, Paint Exterior Concrete Walls .....	0.92	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.45	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.62	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	
09 91 13 00-0017    SF    2 Coats Paint, Brush Work, Paint Exterior Concrete Walls .....	1.74	
For Oil Based Paint, Add	0.10	
For Epoxy Paint, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.23	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.38	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.61	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.84	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.17	
For >100 To 250, Add	0.55	
For >250 To 500, Add	0.24	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.35	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0018	SF		1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Walls.....	0.68	
			For Oil Based Paint, Add	0.04	
			For Epoxy Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.08	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.14	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.22	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.30	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.43	
			For >100 To 250, Add	0.20	
			For >250 To 500, Add	0.09	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.10	
			For >20,000, Deduct	-0.14	
09 91 13 00-0019	SF		1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Walls.....	0.77	
			For Oil Based Paint, Add	0.04	
			For Epoxy Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.26	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.36	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.51	
			For >100 To 250, Add	0.24	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.15	
09 91 13 00-0020	SF		2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Walls.....	1.30	
			For Oil Based Paint, Add	0.08	
			For Epoxy Paint, Add	0.13	
			For Work >15' To 20' Above Floor, Add	0.16	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.27	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.43	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.59	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.84	
			For >100 To 250, Add	0.40	
			For >250 To 500, Add	0.17	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.20	
			For >20,000, Deduct	-0.26	
09 91 13 00-0021	SF		1 Coat Filler, Sprayed, Paint Exterior Concrete Walls.....	0.53	
			For Oil Based Paint, Add	0.03	
			For Epoxy Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.06	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.09	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.15	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.20	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.30	
			For >100 To 250, Add	0.15	
			For >250 To 500, Add	0.06	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000 To 20,000, Deduct	-0.08	
			For >20,000, Deduct	-0.11	



<b>Finishes</b>	<b>09</b>	<b>9</b>
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0022 SF 1 Coat Paint, Sprayed, Paint Exterior Concrete Walls.....	0.49	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.05	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.09	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.14	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.19	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.28	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.10	
09 91 13 00-0023 SF 2 Coats Paint, Sprayed, Paint Exterior Concrete Walls .....	0.84	
For Oil Based Paint, Add	0.06	
For Epoxy Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.23	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.31	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.47	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
<b>09 91 13 00-0024 Paint Exterior Concrete Block Walls (09 91 13 00-0001)</b>		
<b>09 91 13 00-0025 Paint Exterior Concrete Block Walls, Epoxy Paint (09 91 13 00-0024)</b>		
09 91 13 00-0026 LF 1 Coat Epoxy Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls.....	0.21	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.04	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.07	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.09	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.13	
For >100 To 250, Add	0.06	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.04	
09 91 13 00-0027 SF 1 Coat Epoxy Filler, Brush Work, Paint Exterior Concrete Block Walls .....	1.16	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.73	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	

**09 Finishes**

**09 90 Painting and Coating**

**09 91 Painting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0028	SF		1 Coat Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls .....	1.34	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.28	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.44	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.61	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.86	
			For >100 To 250, Add	0.41	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.20	
			For >20,000, Deduct	-0.27	
09 91 13 00-0029	SF		2 Coats Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls .....	2.33	
			For Work >15' To 20' Above Floor, Add	0.28	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.46	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.74	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.01	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.45	
			For >100 To 250, Add	0.69	
			For >250 To 500, Add	0.30	
			For >2,500 To 5,000, Deduct	-0.12	
			For >5,000 To 10,000, Deduct	-0.23	
			For >10,000 To 20,000, Deduct	-0.35	
			For >20,000, Deduct	-0.47	
09 91 13 00-0030	SF		1 Coat Epoxy Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls .....	0.94	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.18	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.28	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.39	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.56	
			For >100 To 250, Add	0.27	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.19	
09 91 13 00-0031	SF		1 Coat Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls .....	1.05	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.32	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.45	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.64	
			For >100 To 250, Add	0.31	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
09 91 13 00-0032	SF		2 Coats Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls .....	1.86	
			For Work >15' To 20' Above Floor, Add	0.21	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.34	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.55	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.75	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.10	
			For >100 To 250, Add	0.53	
			For >250 To 500, Add	0.23	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.19	
			For >10,000 To 20,000, Deduct	-0.28	
			For >20,000, Deduct	-0.37	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0033 SF 1 Coat Epoxy Filler, Sprayed, Paint Exterior Concrete Block Walls.....	0.69	
For Work >15' To 20' Above Floor, Add	0.06	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.10	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.16	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.21	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.34	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	
09 91 13 00-0034 SF 1 Coat Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls .....	0.77	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.19	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.26	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.40	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.15	
09 91 13 00-0035 SF 2 Coats Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls.....	1.47	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.34	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.47	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.73	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.22	
For >20,000, Deduct	-0.29	
<b>09 91 13 00-0036 Paint Exterior Concrete Block Walls, Acrylic Latex Paint (09 91 13 00-0024)</b>		
09 91 13 00-0037 LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls .....	0.21	
For Oil Based Paint, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.04	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.07	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.09	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.13	
For >100 To 250, Add	0.06	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.04	
09 91 13 00-0038 SF 1 Coat Filler, Brush Work, Paint Exterior Concrete Block Walls .....	1.08	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.71	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.22	

**09 Finishes**

**09 90 Painting and Coating**

**09 91 Painting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0039	SF	1	Coat Paint, Brush Work, Paint Exterior Concrete Block Walls .....	1.28	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.16	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.27	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.42	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.58	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.83	
			<i>For &gt;100 To 250, Add</i>	0.39	
			<i>For &gt;250 To 500, Add</i>	0.17	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.19	
			<i>For &gt;20,000, Deduct</i>	-0.26	
09 91 13 00-0040	SF	2	Coats Paint, Brush Work, Paint Exterior Concrete Block Walls .....	2.32	
			<i>For Oil Based Paint, Add</i>	0.14	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.47	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.76	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	1.04	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.48	
			<i>For &gt;100 To 250, Add</i>	0.70	
			<i>For &gt;250 To 500, Add</i>	0.31	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.12	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.23	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.35	
			<i>For &gt;20,000, Deduct</i>	-0.46	
09 91 13 00-0041	SF	1	Texture Coat, Brush Work, Paint Exterior Concrete Block Walls .....	1.42	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.30	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.47	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.65	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.92	
			<i>For &gt;100 To 250, Add</i>	0.44	
			<i>For &gt;250 To 500, Add</i>	0.19	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
			<i>For &gt;20,000, Deduct</i>	-0.28	
09 91 13 00-0042	SF	1	Coat Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls .....	0.85	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.10	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.38	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.54	
			<i>For &gt;100 To 250, Add</i>	0.26	
			<i>For &gt;250 To 500, Add</i>	0.11	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.13	
			<i>For &gt;20,000, Deduct</i>	-0.17	
09 91 13 00-0043	SF	1	Coat Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls .....	1.08	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.34	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.47	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.68	
			<i>For &gt;100 To 250, Add</i>	0.32	
			<i>For &gt;250 To 500, Add</i>	0.14	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.16	
			<i>For &gt;20,000, Deduct</i>	-0.22	





	<b>Finishes</b>	<b>09</b>
	Painting and Coating	09 90
	Painting	09 91

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0044 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	1.84	
For Oil Based Paint, Add	0.11	
For Work >15' To 20' Above Floor, Add	0.21	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.35	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.56	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.78	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.12	
For >100 To 250, Add	0.54	
For >250 To 500, Add	0.23	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.28	
For >20,000, Deduct	-0.37	
09 91 13 00-0045 SF Texture Coat, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	1.20	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.24	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.38	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.53	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.76	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 13 00-0046 SF 1 Coat Filler, Sprayed, Paint Exterior Concrete Block Walls.....	0.74	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.21	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.29	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.42	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 13 00-0047 SF 1 Coat Paint, Sprayed, Paint Exterior Concrete Block Walls.....	0.78	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.20	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.28	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.42	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 13 00-0048 SF 2 Coats Paint, Sprayed, Paint Exterior Concrete Block Walls.....	1.22	
For Oil Based Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.49	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.72	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0049	SF		Texture Coat, Sprayed, Paint Exterior Concrete Block Walls .....	0.99	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.27	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.37	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.55	
			For >100 To 250, Add	0.27	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.20	
<b>09 91 13 00-0050</b>			<b>Paint Exterior Drywall/Plaster Walls</b> <small>(09 91 13 00-0001)</small>		
09 91 13 00-0051	LF	1	Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Walls .....	0.16	
			For Oil Based Paint, Add	0.01	
			For Work >15' To 20' Above Floor, Add	0.02	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.04	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.06	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.08	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.11	
			For >100 To 250, Add	0.05	
			For >250 To 500, Add	0.02	
			For >2,500 To 5,000, Deduct	-0.01	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 20,000, Deduct	-0.02	
			For >20,000, Deduct	-0.03	
			For Epoxy Paint, Add	0.01	
09 91 13 00-0052	SF	1	Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Wall .....	0.87	
			For Oil Based Paint, Add	0.05	
			For Orange Peel Finish, Add	0.12	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.18	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.29	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.40	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.57	
			For >100 To 250, Add	0.27	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.17	
			For Epoxy Paint, Add	0.09	
09 91 13 00-0053	SF	1	Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Walls .....	0.95	
			For Oil Based Paint, Add	0.05	
			For Orange Peel Finish, Add	0.14	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.21	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.34	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.46	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.65	
			For >100 To 250, Add	0.31	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.19	
			For Epoxy Paint, Add	0.08	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0054 SF 2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Walls.....	1.74	
For Oil Based Paint, Add	0.10	
For Orange Peel Finish, Add	0.25	
For Work >15' To 20' Above Floor, Add	0.23	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.38	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.61	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.84	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.17	
For >100 To 250, Add	0.55	
For >250 To 500, Add	0.24	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.35	
For Epoxy Paint, Add	0.15	
09 91 13 00-0055 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls.....	0.69	
For Oil Based Paint, Add	0.04	
For Orange Peel Finish, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.22	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.30	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.43	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	
For Epoxy Paint, Add	0.08	
09 91 13 00-0056 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls.....	0.69	
For Oil Based Paint, Add	0.04	
For Orange Peel Finish, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.23	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.32	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.45	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	
For Epoxy Paint, Add	0.07	
09 91 13 00-0057 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls.....	1.27	
For Oil Based Paint, Add	0.07	
For Orange Peel Finish, Add	0.18	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.42	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.58	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.82	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.25	
For Epoxy Paint, Add	0.13	

**09 Finishes**

**09 90 Painting and Coating**

**09 91 Painting**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0058	SF 1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Walls .....	0.53	
	For Oil Based Paint, Add	0.03	
	For Work >15' To 20' Above Floor, Add	0.06	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.09	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.15	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.20	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.30	
	For >100 To 250, Add	0.15	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.08	
	For >20,000, Deduct	-0.11	
	For Epoxy Paint, Add	0.07	
09 91 13 00-0059	SF 1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Walls .....	0.58	
	For Oil Based Paint, Add	0.04	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.11	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.18	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.24	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.35	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.07	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	
	For Epoxy Paint, Add	0.07	
09 91 13 00-0060	SF 2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Walls .....	0.93	
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.10	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.17	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.26	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.36	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.54	
	For >100 To 250, Add	0.26	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.19	
	For Epoxy Paint, Add	0.13	
09 91 13 00-0061	Paint Exterior Metal Walls (09 91 13 00-0001)		
09 91 13 00-0062	Paint Exterior Galvanized Walls (09 91 13 00-0061)		
	Note: Linseed oil or acrylic latex paint.		
09 91 13 00-0063	SF 1 Coat Primer, Brush Work, Paint Exterior Galvanized Wall Surfaces .....	1.04	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.21	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.33	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.45	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.65	
	For >100 To 250, Add	0.31	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.21	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0064 SF 1 Coat Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces.....	1.16	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.24	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.38	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.52	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.74	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 13 00-0065 SF 2 Coats Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces.....	2.11	
For Work >15' To 20' Above Floor, Add	0.25	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.41	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.66	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.91	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.31	
For >100 To 250, Add	0.62	
For >250 To 500, Add	0.27	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.21	
For >10,000 To 20,000, Deduct	-0.32	
For >20,000, Deduct	-0.42	
09 91 13 00-0066 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Walls.....	0.78	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.32	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.47	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 13 00-0067 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Walls.....	0.91	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.39	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.56	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	
09 91 13 00-0068 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Walls.....	1.69	
For Work >15' To 20' Above Floor, Add	0.20	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.33	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.52	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.72	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.03	
For >100 To 250, Add	0.49	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.25	
For >20,000, Deduct	-0.34	

**09 Finishes**

**09 90 Painting and Coating**

**09 91 Painting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0069	SF	1	Coat Primer, Sprayed, Paint Exterior Galvanized Walls	0.58	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.05	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.28	
			<i>For &gt;100 To 250, Add</i>	0.14	
			<i>For &gt;250 To 500, Add</i>	0.06	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.09	
			<i>For &gt;20,000, Deduct</i>	-0.12	
09 91 13 00-0070	SF	1	Coat Paint, Sprayed, Paint Exterior Galvanized Walls	0.78	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.43	
			<i>For &gt;100 To 250, Add</i>	0.21	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.12	
			<i>For &gt;20,000, Deduct</i>	-0.16	
09 91 13 00-0071	SF	2	Coats Paint, Sprayed, Paint Exterior Galvanized Walls	1.30	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.31	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.43	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.66	
			<i>For &gt;100 To 250, Add</i>	0.33	
			<i>For &gt;250 To 500, Add</i>	0.14	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.20	
			<i>For &gt;20,000, Deduct</i>	-0.26	
09 91 13 00-0072			<b>Paint Exterior Aluminum And Aluminum Alloy Walls</b> <small>(09 91 13 00-0061)</small>		
			<i>Note: Alkyd enamel paint.</i>		
09 91 13 00-0073	SF	1	Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	1.04	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.33	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.45	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.65	
			<i>For &gt;100 To 250, Add</i>	0.31	
			<i>For &gt;250 To 500, Add</i>	0.13	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.16	
			<i>For &gt;20,000, Deduct</i>	-0.21	
09 91 13 00-0074	SF	1	Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	1.16	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.38	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.52	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.74	
			<i>For &gt;100 To 250, Add</i>	0.35	
			<i>For &gt;250 To 500, Add</i>	0.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.12	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.17	
			<i>For &gt;20,000, Deduct</i>	-0.23	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0075 SF 2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces .....	2.10	
For Work >15' To 20' Above Floor, Add	0.25	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.41	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.66	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.91	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.31	
For >100 To 250, Add	0.62	
For >250 To 500, Add	0.27	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.21	
For >10,000 To 20,000, Deduct	-0.32	
For >20,000, Deduct	-0.42	
09 91 13 00-0076 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls.....	0.85	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.32	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.48	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
09 91 13 00-0077 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls.....	0.97	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.39	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.57	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.19	
09 91 13 00-0078 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls .....	1.82	
For Work >15' To 20' Above Floor, Add	0.20	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.33	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.52	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.72	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.05	
For >100 To 250, Add	0.51	
For >250 To 500, Add	0.22	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.27	
For >20,000, Deduct	-0.36	
09 91 13 00-0079 SF 1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls .....	0.65	
For Work >15' To 20' Above Floor, Add	0.06	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.10	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.16	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.21	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.33	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	

**09 Finishes**

**09 90 Painting and Coating**

**09 91 Painting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0080	SF		1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls.....	0.78	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.43	
			<i>For &gt;100 To 250, Add</i>	0.21	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.12	
			<i>For &gt;20,000, Deduct</i>	-0.16	
09 91 13 00-0081	SF		2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls.....	1.30	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.31	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.43	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.66	
			<i>For &gt;100 To 250, Add</i>	0.33	
			<i>For &gt;250 To 500, Add</i>	0.14	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.20	
			<i>For &gt;20,000, Deduct</i>	-0.26	
<b>09 91 13 00-0082</b>			<b>Paint Exterior Aluminum And Aluminum Alloy Roof Stacks (09 91 13 00-0081)</b>		
09 91 13 00-0083	LF		1 Coat Primer, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack.....	13.02	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	1.76	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	2.93	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	4.69	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	6.45	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	8.99	
			<i>For &gt;100 To 250, Add</i>	4.23	
			<i>For &gt;250 To 500, Add</i>	1.82	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.65	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-1.30	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-1.95	
			<i>For &gt;20,000, Deduct</i>	-2.60	
09 91 13 00-0084	LF		1 Coat Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack.....	14.48	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	1.95	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	3.26	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	5.21	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	7.16	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	9.98	
			<i>For &gt;100 To 250, Add</i>	4.70	
			<i>For &gt;250 To 500, Add</i>	2.03	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.72	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-1.45	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-2.17	
			<i>For &gt;20,000, Deduct</i>	-2.90	
09 91 13 00-0085	LF		2 Coats Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack.....	27.07	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	3.67	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	6.12	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	9.79	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	13.46	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	18.74	
			<i>For &gt;100 To 250, Add</i>	8.82	
			<i>For &gt;250 To 500, Add</i>	3.80	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-1.35	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-2.71	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-4.06	
			<i>For &gt;20,000, Deduct</i>	-5.41	





<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 91 13 00-0086</b> <b>Paint Exterior Corrugated Metal Walls</b> <small>(09 91 13 00-0061)</small>		
09 91 13 00-0087    SF    1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Walls.....	0.74	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.11	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.18	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.24	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.38	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 13 00-0088    SF    1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Walls.....	1.00	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.39	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.57	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 13 00-0089    SF    2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Walls .....	1.65	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.42	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.58	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.88	
For >100 To 250, Add	0.43	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.25	
For >20,000, Deduct	-0.33	
<b>09 91 13 00-0090</b> <b>Paint Exterior Stucco Walls</b> <small>(09 91 13 00-0001)</small>		
09 91 13 00-0091    LF    1 Coat Paint, Cut-in Brush Work, Paint Exterior Stucco Wall Surfaces .....	0.26	
For Oil Based Paint, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.06	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.09	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.13	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.18	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.04	
For >20,000, Deduct	-0.05	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0092	SF	1	Coat Primer, Brush Work, Paint Exterior Stucco Wall Surfaces.....	1.46	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.33	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.52	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.72	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.00	
			<i>For &gt;100 To 250, Add</i>	0.47	
			<i>For &gt;250 To 500, Add</i>	0.20	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.15	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.22	
			<i>For &gt;20,000, Deduct</i>	-0.29	
09 91 13 00-0093	SF	1	Coat Paint, Brush Work, Paint Exterior Stucco Wall Surfaces.....	1.61	
			<i>For Oil Based Paint, Add</i>	0.09	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.36	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.57	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.78	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.09	
			<i>For &gt;100 To 250, Add</i>	0.52	
			<i>For &gt;250 To 500, Add</i>	0.22	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.16	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.24	
			<i>For &gt;20,000, Deduct</i>	-0.32	
09 91 13 00-0094	SF	2	Coats Paint, Brush Work, Paint Exterior Stucco Wall Surfaces.....	2.97	
			<i>For Oil Based Paint, Add</i>	0.17	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.39	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.65	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	1.04	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	1.42	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	2.00	
			<i>For &gt;100 To 250, Add</i>	0.94	
			<i>For &gt;250 To 500, Add</i>	0.41	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.15	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.30	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.45	
			<i>For &gt;20,000, Deduct</i>	-0.59	
09 91 13 00-0095	SF	1	Coat Primer, Brush/Roller Work, Paint Exterior Stucco Walls.....	1.09	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.37	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.51	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.72	
			<i>For &gt;100 To 250, Add</i>	0.34	
			<i>For &gt;250 To 500, Add</i>	0.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.16	
			<i>For &gt;20,000, Deduct</i>	-0.22	
09 91 13 00-0096	SF	1	Coat Paint, Brush/Roller Work, Paint Exterior Stucco Walls.....	1.24	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.16	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.42	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.58	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.82	
			<i>For &gt;100 To 250, Add</i>	0.39	
			<i>For &gt;250 To 500, Add</i>	0.17	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.12	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.19	
			<i>For &gt;20,000, Deduct</i>	-0.25	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0097 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Stucco Walls.....	2.28	
For Oil Based Paint, Add	0.13	
For Work >15' To 20' Above Floor, Add	0.29	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.48	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.76	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.05	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.48	
For >100 To 250, Add	0.70	
For >250 To 500, Add	0.30	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.23	
For >10,000 To 20,000, Deduct	-0.34	
For >20,000, Deduct	-0.46	
09 91 13 00-0098 SF 1 Coat Primer, Sprayed, Paint Exterior Stucco Walls.....	0.74	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.22	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.30	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.44	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 13 00-0099 SF 1 Coat Paint, Sprayed, Paint Exterior Stucco Walls.....	0.90	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.26	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.36	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.53	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	
09 91 13 00-0100 SF 2 Coats Paint, Sprayed, Paint Exterior Stucco Walls.....	1.74	
For Oil Based Paint, Add	0.11	
For Work >15' To 20' Above Floor, Add	0.20	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.33	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.52	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.72	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.05	
For >100 To 250, Add	0.50	
For >250 To 500, Add	0.22	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.35	

09 91 13 00-0101 Paint Exterior Wood Siding (09 91 13 00-0001)

09 91 13 00-0102 Paint Exterior Smooth Wood Siding (09 91 13 00-0101)

Note: Includes tongue and groove, beveled, drop or board and batten siding.

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0103	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Siding.....	0.19	
			<i>For Oil Based Paint, Add</i>	0.01	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.02	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.04	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.06	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.12	
			<i>For &gt;100 To 250, Add</i>	0.06	
			<i>For &gt;250 To 500, Add</i>	0.03	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.01	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.02	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.03	
			<i>For &gt;20,000, Deduct</i>	-0.04	
09 91	13 00-0104	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Siding.....	1.05	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.34	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.47	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.67	
			<i>For &gt;100 To 250, Add</i>	0.32	
			<i>For &gt;250 To 500, Add</i>	0.14	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.16	
			<i>For &gt;20,000, Deduct</i>	-0.21	
09 91	13 00-0105	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Siding.....	1.10	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.38	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.52	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.73	
			<i>For &gt;100 To 250, Add</i>	0.35	
			<i>For &gt;250 To 500, Add</i>	0.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.17	
			<i>For &gt;20,000, Deduct</i>	-0.22	
09 91	13 00-0106	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Siding.....	1.97	
			<i>For Oil Based Paint, Add</i>	0.11	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.25	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.41	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.66	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.91	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.29	
			<i>For &gt;100 To 250, Add</i>	0.61	
			<i>For &gt;250 To 500, Add</i>	0.26	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.10	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.20	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.30	
			<i>For &gt;20,000, Deduct</i>	-0.39	
09 91	13 00-0107	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Siding.....	0.82	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.33	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.48	
			<i>For &gt;100 To 250, Add</i>	0.23	
			<i>For &gt;250 To 500, Add</i>	0.10	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.12	
			<i>For &gt;20,000, Deduct</i>	-0.16	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0108 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding.....	0.90	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.39	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.56	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	
09 91 13 00-0109 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding.....	1.68	
For Oil Based Paint, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.20	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.33	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.52	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.72	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.03	
For >100 To 250, Add	0.49	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.25	
For >20,000, Deduct	-0.34	
09 91 13 00-0110 SF 1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Siding.....	0.61	
For Oil Based Paint, Add	0.04	
For Work >15' To 20' Above Floor, Add	0.06	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.10	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.16	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.21	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.33	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 13 00-0111 SF 1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Siding.....	0.74	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.21	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.29	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.42	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 13 00-0112 SF 2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Siding.....	1.18	
For Oil Based Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.65	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	

09	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 91 13 00-0113 Paint Exterior Rough Wood Siding</b> <small>(09 91 13 00-0101)</small>		
<i>Note: Includes shingles, shakes or rough sawn siding.</i>		
09 91 13 00-0114 SF 1 Coat Primer, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding.....	1.64	
<i>For Oil Based Paint, Add</i>	0.09	
<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.21	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.36	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.57	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work &gt;40' Above Floor, Add</i>	0.78	
<i>Note: Applied only to work area above 40'.</i>		
<i>For Up To 100, Add</i>	1.10	
<i>For &gt;100 To 250, Add</i>	0.52	
<i>For &gt;250 To 500, Add</i>	0.22	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.16	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.25	
<i>For &gt;20,000, Deduct</i>	-0.33	
09 91 13 00-0115 SF 1 Coat Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding.....	1.65	
<i>For Oil Based Paint, Add</i>	0.09	
<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.22	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.37	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.60	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work &gt;40' Above Floor, Add</i>	0.82	
<i>Note: Applied only to work area above 40'.</i>		
<i>For Up To 100, Add</i>	1.14	
<i>For &gt;100 To 250, Add</i>	0.54	
<i>For &gt;250 To 500, Add</i>	0.23	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.17	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.25	
<i>For &gt;20,000, Deduct</i>	-0.33	
09 91 13 00-0116 SF 2 Coats Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding.....	3.04	
<i>For Oil Based Paint, Add</i>	0.17	
<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.41	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.68	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work &gt;30' To 40' Above Floor, Add</i>	1.09	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work &gt;40' Above Floor, Add</i>	1.50	
<i>Note: Applied only to work area above 40'.</i>		
<i>For Up To 100, Add</i>	2.09	
<i>For &gt;100 To 250, Add</i>	0.98	
<i>For &gt;250 To 500, Add</i>	0.42	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.15	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.30	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.46	
<i>For &gt;20,000, Deduct</i>	-0.61	
09 91 13 00-0117 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn) .....	1.40	
<i>For Oil Based Paint, Add</i>	0.09	
<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.16	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.26	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.42	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work &gt;40' Above Floor, Add</i>	0.58	
<i>Note: Applied only to work area above 40'.</i>		
<i>For Up To 100, Add</i>	0.84	
<i>For &gt;100 To 250, Add</i>	0.40	
<i>For &gt;250 To 500, Add</i>	0.18	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
<i>For &gt;20,000, Deduct</i>	-0.28	
09 91 13 00-0118 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn).....	1.53	
<i>For Oil Based Paint, Add</i>	0.09	
<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.18	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.30	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.47	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work &gt;40' Above Floor, Add</i>	0.65	
<i>Note: Applied only to work area above 40'.</i>		
<i>For Up To 100, Add</i>	0.94	
<i>For &gt;100 To 250, Add</i>	0.45	
<i>For &gt;250 To 500, Add</i>	0.19	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.15	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.23	
<i>For &gt;20,000, Deduct</i>	-0.31	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0119 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn).....	2.82	
For Oil Based Paint, Add	0.18	
For Work >15' To 20' Above Floor, Add	0.32	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.53	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.85	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.17	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.70	
For >100 To 250, Add	0.81	
For >250 To 500, Add	0.35	
For >2,500 To 5,000, Deduct	-0.14	
For >5,000 To 10,000, Deduct	-0.28	
For >10,000 To 20,000, Deduct	-0.42	
For >20,000, Deduct	-0.56	
09 91 13 00-0120 SF 1 Coat Primer, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn).....	0.96	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.26	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.36	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.54	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 13 00-0121 SF 1 Coat Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn) .....	1.08	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.63	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.22	
09 91 13 00-0122 SF 2 Coats Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn) .....	2.03	
For Oil Based Paint, Add	0.13	
For Work >15' To 20' Above Floor, Add	0.22	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.36	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.58	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.79	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.17	
For >100 To 250, Add	0.56	
For >250 To 500, Add	0.25	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.20	
For >10,000 To 20,000, Deduct	-0.30	
For >20,000, Deduct	-0.41	

09 91 13 00-0123 Paint Exterior Vinyl Siding (09 91 13 00-0001)

<b>09</b>	<b>Finishes</b>
<b>09 90</b>	<b>Painting and Coating</b>
<b>09 91</b>	<b>Painting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0124	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Vinyl Siding.....	0.16	
			For Oil Based Paint, Add	0.01	
			For Work >15' To 20' Above Floor, Add	0.02	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.03	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.05	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.07	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.10	
			For >100 To 250, Add	0.05	
			For >250 To 500, Add	0.02	
			For >2,500 To 5,000, Deduct	-0.01	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 20,000, Deduct	-0.02	
			For >20,000, Deduct	-0.03	
09 91	13 00-0125	SF	1 Coat Primer, Brush Work, Paint Exterior Vinyl Siding.....	0.90	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.18	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.28	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.39	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.56	
			For >100 To 250, Add	0.27	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.18	
09 91	13 00-0126	SF	1 Coat Paint, Brush Work, Paint Exterior Vinyl Siding.....	0.99	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.32	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.44	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.63	
			For >100 To 250, Add	0.30	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.20	
09 91	13 00-0127	SF	2 Coats Paint, Brush Work, Paint Exterior Vinyl Siding.....	1.82	
			For Oil Based Paint, Add	0.11	
			For Work >15' To 20' Above Floor, Add	0.21	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.36	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.57	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.78	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.13	
			For >100 To 250, Add	0.54	
			For >250 To 500, Add	0.23	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.18	
			For >10,000 To 20,000, Deduct	-0.27	
			For >20,000, Deduct	-0.36	
09 91	13 00-0128	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Vinyl Siding.....	0.81	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.32	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.48	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	





<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0129 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Vinyl Siding.....	0.81	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.32	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.48	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 13 00-0130 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Vinyl Siding.....	1.49	
For Oil Based Paint, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.27	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.42	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.58	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.86	
For >100 To 250, Add	0.41	
For >250 To 500, Add	0.18	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.22	
For >20,000, Deduct	-0.30	
09 91 13 00-0131 SF 1 Coat Primer, Sprayed, Paint Exterior Vinyl Siding.....	0.66	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.06	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.10	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.16	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.21	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.33	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	
09 91 13 00-0132 SF 1 Coat Paint, Sprayed, Paint Exterior Vinyl Siding.....	0.74	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.06	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.10	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.16	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.21	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.35	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 13 00-0133 SF 2 Coats Paint, Sprayed, Paint Exterior Vinyl Siding.....	1.45	
For Oil Based Paint, Add	0.11	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.69	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.22	
For >20,000, Deduct	-0.29	

09	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0134    Paint Exterior Ceilings <small>(09 91 13)</small>		
09 91 13 00-0135    Paint Exterior Concrete Ceilings <small>(09 91 13 00-0134)</small>		
09 91 13 00-0136    LF    1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Ceiling .....	0.18	
For Oil Based Paint, Add	0.01	
For Epoxy Paint, Add	0.02	
For Work >15' To 20' Above Floor, Add	0.02	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.04	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.06	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.09	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.12	
For >100 To 250, Add	0.06	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.04	
09 91 13 00-0137    SF    1 Coat Filler, Brush Work, Paint Exterior Concrete Ceiling .....	0.96	
For Oil Based Paint, Add	0.06	
For Epoxy Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.33	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.45	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.64	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 13 00-0138    SF    1 Coat Paint, Brush Work, Paint Exterior Concrete Ceiling .....	1.05	
For Oil Based Paint, Add	0.06	
For Epoxy Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.24	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.38	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.52	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.72	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
09 91 13 00-0139    SF    2 Coats Paint, Brush Work, Paint Exterior Concrete Ceiling .....	1.87	
For Oil Based Paint, Add	0.10	
For Epoxy Paint, Add	0.16	
For Work >15' To 20' Above Floor, Add	0.25	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.41	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.66	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.91	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.27	
For >100 To 250, Add	0.60	
For >250 To 500, Add	0.26	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.19	
For >10,000 To 20,000, Deduct	-0.28	
For >20,000, Deduct	-0.37	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0140 SF 1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Ceiling.....	0.73	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.32	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.46	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 13 00-0141 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling .....	0.82	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.39	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.55	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 13 00-0142 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling .....	1.52	
For Oil Based Paint, Add	0.09	
For Epoxy Paint, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.20	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.33	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.52	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.72	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.01	
For >100 To 250, Add	0.48	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.30	
09 91 13 00-0143 SF 1 Coat Filler, Sprayed, Paint Exterior Concrete Ceiling .....	0.55	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.06	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.10	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.16	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.21	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.32	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	

<b>09</b>	<b>Finishes</b>
<b>09 90</b>	<b>Painting and Coating</b>
<b>09 91</b>	<b>Painting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0144	SF	1	Coat Paint, Sprayed, Paint Exterior Concrete Ceiling.....	0.66	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Epoxy Paint, Add</i>	0.08	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.41	
			<i>For &gt;100 To 250, Add</i>	0.20	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.10	
			<i>For &gt;20,000, Deduct</i>	-0.13	
09 91 13 00-0145	SF	2	Coats Paint, Sprayed, Paint Exterior Concrete Ceiling.....	1.05	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Epoxy Paint, Add</i>	0.13	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.31	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.43	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.63	
			<i>For &gt;100 To 250, Add</i>	0.30	
			<i>For &gt;250 To 500, Add</i>	0.13	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.16	
			<i>For &gt;20,000, Deduct</i>	-0.21	
09 91 13 00-0146			<b>Drywall/Plaster</b> <small>(09 91 13 00-0134)</small>		
09 91 13 00-0147	LF	1	Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Ceiling.....	0.18	
			<i>For Oil Based Paint, Add</i>	0.01	
			<i>For Epoxy Paint, Add</i>	0.02	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.02	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.04	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.06	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.12	
			<i>For &gt;100 To 250, Add</i>	0.06	
			<i>For &gt;250 To 500, Add</i>	0.03	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.01	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.02	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.03	
			<i>For &gt;20,000, Deduct</i>	-0.04	
			<i>For Epoxy Paint, Add</i>	0.02	
09 91 13 00-0148	SF	1	Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Ceiling.....	0.97	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Orange Peel Finish, Add</i>	0.14	
			<i>For Epoxy Paint, Add</i>	0.09	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.33	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.46	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.64	
			<i>For &gt;100 To 250, Add</i>	0.30	
			<i>For &gt;250 To 500, Add</i>	0.13	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.15	
			<i>For &gt;20,000, Deduct</i>	-0.19	
			<i>For Epoxy Paint, Add</i>	0.09	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0149 SF 1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling .....	1.05	
For Oil Based Paint, Add	0.06	
For Orange Peel Finish, Add	0.15	
For Epoxy Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.24	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.38	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.52	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.72	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
For Epoxy Paint, Add	0.09	
09 91 13 00-0150 SF 2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling .....	1.87	
For Oil Based Paint, Add	0.10	
For Orange Peel Finish, Add	0.27	
For Epoxy Paint, Add	0.16	
For Work >15' To 20' Above Floor, Add	0.25	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.41	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.66	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.91	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.27	
For >100 To 250, Add	0.60	
For >250 To 500, Add	0.26	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.19	
For >10,000 To 20,000, Deduct	-0.28	
For >20,000, Deduct	-0.37	
For Epoxy Paint, Add	0.16	
09 91 13 00-0151 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling .....	0.72	
For Oil Based Paint, Add	0.04	
For Orange Peel Finish, Add	0.10	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.23	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.32	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.46	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	
For Epoxy Paint, Add	0.08	
09 91 13 00-0152 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling.....	0.82	
For Oil Based Paint, Add	0.05	
For Orange Peel Finish, Add	0.12	
For Epoxy Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.39	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.55	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
For Epoxy Paint, Add	0.07	

**09 Finishes**

**09 90 Painting and Coating**

**09 91 Painting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0153	SF		2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling .....	1.52	
			For Oil Based Paint, Add	0.09	
			For Orange Peel Finish, Add	0.21	
			For Epoxy Paint, Add	0.14	
			For Work >15' To 20' Above Floor, Add	0.20	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.33	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.52	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.72	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.01	
			For >100 To 250, Add	0.48	
			For >250 To 500, Add	0.21	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.15	
			For >10,000 To 20,000, Deduct	-0.23	
			For >20,000, Deduct	-0.30	
			For Epoxy Paint, Add	0.14	
09 91 13 00-0154	SF		1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Ceiling .....	0.55	
			For Oil Based Paint, Add	0.04	
			For Epoxy Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.06	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.10	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.16	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.21	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.32	
			For >100 To 250, Add	0.15	
			For >250 To 500, Add	0.07	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 20,000, Deduct	-0.08	
			For >20,000, Deduct	-0.11	
			For Epoxy Paint, Add	0.08	
09 91 13 00-0155	SF		1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling.....	0.67	
			For Oil Based Paint, Add	0.04	
			For Epoxy Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.08	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.13	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.21	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.29	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.42	
			For >100 To 250, Add	0.20	
			For >250 To 500, Add	0.09	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.10	
			For >20,000, Deduct	-0.13	
			For Epoxy Paint, Add	0.08	
09 91 13 00-0156	SF		2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling.....	1.05	
			For Oil Based Paint, Add	0.07	
			For Epoxy Paint, Add	0.13	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.31	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.43	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.63	
			For >100 To 250, Add	0.30	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
			For Epoxy Paint, Add	0.13	

09 91 13 00-0157 Paint Exterior Wood Ceilings (09 91 13 00-0134)

09 91 13 00-0158 Paint Exterior Smooth Wood Ceilings (09 91 13 00-0157)



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0159 LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Ceiling.....	0.20	
For Oil Based Paint, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.04	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.07	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.09	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.13	
For >100 To 250, Add	0.06	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.04	
09 91 13 00-0160 SF 1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Ceiling.....	1.17	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.25	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.39	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.54	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.76	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.23	
09 91 13 00-0161 SF 1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Ceiling.....	1.22	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.27	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.42	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.58	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.82	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 13 00-0162 SF 2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Ceiling.....	2.21	
For Oil Based Paint, Add	0.13	
For Work >15' To 20' Above Floor, Add	0.28	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.47	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.76	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.04	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.47	
For >100 To 250, Add	0.69	
For >250 To 500, Add	0.30	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.22	
For >10,000 To 20,000, Deduct	-0.33	
For >20,000, Deduct	-0.44	
09 91 13 00-0163 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling.....	0.93	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.39	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.57	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0164	SF	1	Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling .....	1.02	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.33	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.46	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.65	
			<i>For &gt;100 To 250, Add</i>	0.31	
			<i>For &gt;250 To 500, Add</i>	0.13	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.15	
			<i>For &gt;20,000, Deduct</i>	-0.20	
09 91 13 00-0165	SF	2	Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling .....	1.80	
			<i>For Oil Based Paint, Add</i>	0.11	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.36	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.57	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.78	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.12	
			<i>For &gt;100 To 250, Add</i>	0.54	
			<i>For &gt;250 To 500, Add</i>	0.23	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.09	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.18	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.27	
			<i>For &gt;20,000, Deduct</i>	-0.36	
09 91 13 00-0166	SF	1	Coat Primer, Sprayed, Paint Exterior Smooth Wood Ceiling .....	0.68	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.41	
			<i>For &gt;100 To 250, Add</i>	0.20	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.10	
			<i>For &gt;20,000, Deduct</i>	-0.14	
09 91 13 00-0167	SF	1	Coat Paint, Sprayed, Paint Exterior Smooth Wood Ceiling .....	0.68	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.41	
			<i>For &gt;100 To 250, Add</i>	0.20	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.10	
			<i>For &gt;20,000, Deduct</i>	-0.14	
09 91 13 00-0168	SF	2	Coats Paint, Sprayed, Paint Exterior Smooth Wood Ceiling .....	1.23	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.36	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.50	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.73	
			<i>For &gt;100 To 250, Add</i>	0.35	
			<i>For &gt;250 To 500, Add</i>	0.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.12	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.18	
			<i>For &gt;20,000, Deduct</i>	-0.25	





<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 91 13 00-0169</b> <b>Paint Exterior Rough Wood Ceilings</b> <small>(09 91 13 00-0157)</small>		
09 91 13 00-0170    SF    1 Coat Primer, Brush Work, Paint Exterior Wood Rough Ceiling.....	1.75	
For Oil Based Paint, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.22	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.37	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.59	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.81	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.15	
For >100 To 250, Add	0.55	
For >250 To 500, Add	0.24	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.35	
09 91 13 00-0171    SF    1 Coat Paint, Brush Work, Paint Exterior Wood Rough Ceiling.....	1.81	
For Oil Based Paint, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.25	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.41	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.66	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.91	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.26	
For >100 To 250, Add	0.59	
For >250 To 500, Add	0.26	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.27	
For >20,000, Deduct	-0.36	
09 91 13 00-0172    SF    2 Coats Paint, Brush Work, Paint Exterior Wood Rough Ceiling.....	3.15	
For Oil Based Paint, Add	0.17	
For Work >15' To 20' Above Floor, Add	0.42	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.71	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	1.13	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.56	
Note: Applied only to work area above 40'.		
For Up To 100, Add	2.17	
For >100 To 250, Add	1.02	
For >250 To 500, Add	0.44	
For >2,500 To 5,000, Deduct	-0.16	
For >5,000 To 10,000, Deduct	-0.32	
For >10,000 To 20,000, Deduct	-0.47	
For >20,000, Deduct	-0.63	
09 91 13 00-0173    SF    1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Ceiling.....	1.53	
For Oil Based Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.47	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.65	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.94	
For >100 To 250, Add	0.45	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.31	
09 91 13 00-0174    SF    1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling.....	1.65	
For Oil Based Paint, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.20	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.33	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.52	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.72	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.03	
For >100 To 250, Add	0.49	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.25	
For >20,000, Deduct	-0.33	

<b>09</b>	<b>09</b>	<b>Finishes</b>
	<b>09 90</b>	<b>Painting and Coating</b>
	<b>09 91</b>	<b>Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0175 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling .....	2.93	
For Oil Based Paint, Add	0.18	
For Work >15' To 20' Above Floor, Add	0.33	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.56	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.89	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.23	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.78	
For >100 To 250, Add	0.85	
For >250 To 500, Add	0.37	
For >2,500 To 5,000, Deduct	-0.15	
For >5,000 To 10,000, Deduct	-0.29	
For >10,000 To 20,000, Deduct	-0.44	
For >20,000, Deduct	-0.59	
09 91 13 00-0176 SF 1 Coat Primer, Sprayed, Paint Exterior Rough Wood Ceiling .....	1.08	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.63	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.22	
09 91 13 00-0177 SF 1 Coat Paint, Sprayed, Paint Exterior Rough Wood Ceiling.....	1.21	
For Oil Based Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.50	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.73	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 13 00-0178 SF 2 Coats Paint, Sprayed, Paint Exterior Rough Wood Ceiling.....	2.17	
For Oil Based Paint, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.24	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.40	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.63	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.87	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.27	
For >100 To 250, Add	0.61	
For >250 To 500, Add	0.27	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.22	
For >10,000 To 20,000, Deduct	-0.33	
For >20,000, Deduct	-0.43	

09 91 13 00-0179 Paint Exterior Metal Ceilings (09 91 13 00-0134)

09 91 13 00-0180 Paint Exterior Galvanized Ceilings (09 91 13 00-0179)  
Note: Linseed oil or acrylic latex paint.



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0181 SF 1 Coat Primer, Brush Work, Paint Exterior Galvanized Ceiling.....	1.16	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.24	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.38	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.52	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.74	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 13 00-0182 SF 1 Coat Paint, Brush Work, Paint Exterior Galvanized Ceiling.....	1.28	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.27	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.42	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.58	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.83	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.26	
09 91 13 00-0183 SF 2 Coats Paint, Brush Work, Paint Exterior Galvanized Ceiling.....	2.34	
For Work >15' To 20' Above Floor, Add	0.28	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.47	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.76	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.04	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.49	
For >100 To 250, Add	0.71	
For >250 To 500, Add	0.31	
For >2,500 To 5,000, Deduct	-0.12	
For >5,000 To 10,000, Deduct	-0.23	
For >10,000 To 20,000, Deduct	-0.35	
For >20,000, Deduct	-0.47	
09 91 13 00-0184 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Ceiling.....	0.90	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.39	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.56	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	
09 91 13 00-0185 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling.....	1.01	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.33	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.45	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.64	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0186	SF		2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling.....	1.79	
			For Work >15' To 20' Above Floor, Add	0.21	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.36	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.57	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.78	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.12	
			For >100 To 250, Add	0.53	
			For >250 To 500, Add	0.23	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.18	
			For >10,000 To 20,000, Deduct	-0.27	
			For >20,000, Deduct	-0.36	
09 91 13 00-0187	SF		1 Coat Primer, Sprayed, Paint Exterior Galvanized Ceiling.....	0.78	
			For Work >15' To 20' Above Floor, Add	0.08	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.13	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.21	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.29	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.43	
			For >100 To 250, Add	0.21	
			For >250 To 500, Add	0.09	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	
09 91 13 00-0188	SF		1 Coat Paint, Sprayed, Paint Exterior Galvanized Ceiling.....	0.90	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.16	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.26	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.35	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.52	
			For >100 To 250, Add	0.25	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.18	
09 91 13 00-0189	SF		2 Coats Paint, Sprayed, Paint Exterior Galvanized Ceiling.....	1.43	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.23	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.36	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.50	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.76	
			For >100 To 250, Add	0.37	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.21	
			For >20,000, Deduct	-0.29	
09 91 13 00-0190			Paint Exterior Aluminum And Aluminum Alloy Ceilings (09 91 13 00-0179)		
			Note: Alkyd enamel paint.		
09 91 13 00-0191	SF		1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	1.16	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.24	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.38	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.52	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.74	
			For >100 To 250, Add	0.35	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.23	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0192 SF 1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling .....	1.28	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.27	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.42	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.58	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.83	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.26	
09 91 13 00-0193 SF 2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling .....	2.34	
For Work >15' To 20' Above Floor, Add	0.28	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.47	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.76	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.04	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.49	
For >100 To 250, Add	0.71	
For >250 To 500, Add	0.31	
For >2,500 To 5,000, Deduct	-0.12	
For >5,000 To 10,000, Deduct	-0.23	
For >10,000 To 20,000, Deduct	-0.35	
For >20,000, Deduct	-0.47	
09 91 13 00-0194 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling .....	0.97	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.39	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.57	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.19	
09 91 13 00-0195 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	1.08	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.33	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.45	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.65	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.22	
09 91 13 00-0196 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	1.94	
For Work >15' To 20' Above Floor, Add	0.21	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.36	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.57	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.78	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.14	
For >100 To 250, Add	0.55	
For >250 To 500, Add	0.24	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.19	
For >10,000 To 20,000, Deduct	-0.29	
For >20,000, Deduct	-0.39	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0197	SF	1	Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling .....	0.78	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.43	
			<i>For &gt;100 To 250, Add</i>	0.21	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.12	
			<i>For &gt;20,000, Deduct</i>	-0.16	
09 91 13 00-0198	SF	1	Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	0.78	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.43	
			<i>For &gt;100 To 250, Add</i>	0.21	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.12	
			<i>For &gt;20,000, Deduct</i>	-0.16	
09 91 13 00-0199	SF	2	Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	1.43	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.36	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.50	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.76	
			<i>For &gt;100 To 250, Add</i>	0.37	
			<i>For &gt;250 To 500, Add</i>	0.16	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
			<i>For &gt;20,000, Deduct</i>	-0.29	
<b>09 91 13 00-0200</b>			<b>Paint Exterior Corrugated Metal Ceilings (09 91 13 00-0179)</b>		
09 91 13 00-0201	SF	1	Coat Primer, Sprayed, Paint Exterior Corrugated Metal Ceiling.....	0.86	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.31	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.47	
			<i>For &gt;100 To 250, Add</i>	0.23	
			<i>For &gt;250 To 500, Add</i>	0.10	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.13	
			<i>For &gt;20,000, Deduct</i>	-0.17	
09 91 13 00-0202	SF	1	Coat Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling.....	1.00	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.39	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.57	
			<i>For &gt;100 To 250, Add</i>	0.28	
			<i>For &gt;250 To 500, Add</i>	0.12	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.15	
			<i>For &gt;20,000, Deduct</i>	-0.20	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0203 SF 2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling.....	1.81	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.48	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.67	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.00	
For >100 To 250, Add	0.48	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.27	
For >20,000, Deduct	-0.36	
09 91 13 00-0204 Paint Exterior Floors (09 91 13)		
09 91 13 00-0205 Paint Exterior Concrete Floors (09 91 13 00-0204)		
09 91 13 00-0206 LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Floors And Decks.....	0.14	
For Up To 100, Add	0.09	
For >100 To 250, Add	0.04	
For >250 To 500, Add	0.02	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.01	
For >10,000 To 20,000, Deduct	-0.02	
For >20,000, Deduct	-0.03	
09 91 13 00-0207 SF 1 Coat Primer, Brush Work, Paint Exterior Concrete Floors And Decks.....	0.73	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Up To 100, Add	0.46	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 13 00-0208 SF 1 Coat Paint, Brush Work, Paint Exterior Concrete Floors And Decks .....	0.82	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.07	
For Up To 100, Add	0.55	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 13 00-0209 SF 2 Coats Paint, Brush Work, Paint Exterior Concrete Floors And Decks .....	1.52	
For Oil Based Paint, Add	0.09	
For Epoxy Paint, Add	0.14	
For Up To 100, Add	1.01	
For >100 To 250, Add	0.48	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.30	
09 91 13 00-0210 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	0.61	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.07	
For Up To 100, Add	0.37	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 13 00-0211 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	0.70	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.07	
For Up To 100, Add	0.46	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0212 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks .....	1.14	
For Oil Based Paint, Add	0.07	
For Epoxy Paint, Add	0.12	
For Up To 100, Add	0.72	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 13 00-0213 SF 1 Coat Primer, Sprayed, Paint Exterior Concrete Floors And Decks .....	0.42	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.07	
For Up To 100, Add	0.22	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 13 00-0214 SF 1 Coat Paint, Sprayed, Paint Exterior Concrete Floors And Decks.....	0.53	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.07	
For Up To 100, Add	0.31	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 13 00-0215 SF 2 Coats Paint, Sprayed, Paint Exterior Concrete Floors And Decks.....	0.93	
For Oil Based Paint, Add	0.06	
For Epoxy Paint, Add	0.13	
For Up To 100, Add	0.54	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 13 00-0216 SF 1 Coat Non Slip Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	1.87	
For Up To 100, Add	0.63	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.19	
For >10,000 To 20,000, Deduct	-0.28	
For >20,000, Deduct	-0.37	
09 91 13 00-0217 SF 1 Coat Anti-Slip, Single Component Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	4.33	
For Up To 100, Add	1.00	
For >100 To 250, Add	0.58	
For >250 To 500, Add	0.28	
For >2,500 To 5,000, Deduct	-0.22	
For >5,000 To 10,000, Deduct	-0.43	
For >10,000 To 20,000, Deduct	-0.65	
For >20,000, Deduct	-0.87	
09 91 13 00-0218 SF 1 Coat Anti-Slip High Performance Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	5.37	
For Up To 100, Add	1.16	
For >100 To 250, Add	0.68	
For >250 To 500, Add	0.33	
For >2,500 To 5,000, Deduct	-0.27	
For >5,000 To 10,000, Deduct	-0.54	
For >10,000 To 20,000, Deduct	-0.81	
For >20,000, Deduct	-1.07	
<b>09 91 13 00-0219 Paint Exterior Wood Floors (09 91 13 00-0204)</b>		
09 91 13 00-0220 LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Floors And Decks.....	0.17	
For Up To 100, Add	0.11	
For >100 To 250, Add	0.05	
For >250 To 500, Add	0.02	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.03	
09 91 13 00-0221 SF 1 Coat Primer, Brush Work, Paint Exterior Wood Floors And Decks .....	0.90	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.56	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	





<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0222 SF 1 Coat Paint, Brush Work, Paint Exterior Wood Floors And Decks .....	0.99	
For Oil Based Paint, Add	0.06	
For Up To 100, Add	0.65	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 13 00-0223 SF 2 Coats Paint, Brush Work, Paint Exterior Wood Floors And Decks.....	1.85	
For Oil Based Paint, Add	0.11	
For Up To 100, Add	1.20	
For >100 To 250, Add	0.57	
For >250 To 500, Add	0.25	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.19	
For >10,000 To 20,000, Deduct	-0.28	
For >20,000, Deduct	-0.37	
09 91 13 00-0224 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Floors And Decks.....	0.82	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.48	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 13 00-0225 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks .....	0.90	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.56	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	
09 91 13 00-0226 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks .....	1.44	
For Oil Based Paint, Add	0.09	
For Up To 100, Add	0.85	
For >100 To 250, Add	0.41	
For >250 To 500, Add	0.18	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.22	
For >20,000, Deduct	-0.29	
09 91 13 00-0227 SF 1 Coat Primer, Sprayed, Paint Exterior Wood Floors And Decks .....	0.55	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.32	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 13 00-0228 SF 1 Coat Paint, Sprayed, Paint Exterior Wood Floors And Decks.....	0.68	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.41	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	
09 91 13 00-0229 SF 2 Coats Paint, Sprayed, Paint Exterior Wood Floors And Decks .....	1.10	
For Oil Based Paint, Add	0.07	
For Up To 100, Add	0.63	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.22	
09 91 13 00-0230 SF 1 Coat Non Slip Paint, Brush Work, Paint Exterior Wood Floors And Decks.....	1.99	
For Up To 100, Add	0.72	
For >100 To 250, Add	0.38	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.20	
For >10,000 To 20,000, Deduct	-0.30	
For >20,000, Deduct	-0.40	

09	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0231 SF 1 Coat Non Slip Epoxy Coating, Brush Work, Paint Exterior Wood Floors And Decks.....	5.49	
For Up To 100, Add	1.25	
For >100 To 250, Add	0.73	
For >250 To 500, Add	0.35	
For >2,500 To 5,000, Deduct	-0.27	
For >5,000 To 10,000, Deduct	-0.55	
For >10,000 To 20,000, Deduct	-0.82	
For >20,000, Deduct	-1.10	
<b>09 91 13 00-0232 Paint Exterior Doors And Windows (09 91 13)</b>		
<b>09 91 13 00-0233 Paint Exterior Door Frames (09 91 13 00-0232)</b>		
09 91 13 00-0234 LF 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim.....	1.23	
For Painting Either Interior Or Exterior Only, Deduct	-0.32	
09 91 13 00-0235 LF 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim.....	1.60	
For Painting Either Interior Or Exterior Only, Deduct	-0.41	
09 91 13 00-0236 LF 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim.....	2.70	
For Painting Either Interior Or Exterior Only, Deduct	-0.70	
09 91 13 00-0237 LF 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim.....	1.24	
For Painting Either Interior Or Exterior Only, Deduct	-0.33	
09 91 13 00-0238 LF 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim.....	1.61	
For Painting Either Interior Or Exterior Only, Deduct	-0.42	
09 91 13 00-0239 LF 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim.....	2.72	
For Painting Either Interior Or Exterior Only, Deduct	-0.71	
<b>09 91 13 00-0240 Paint Exterior Metal Doors (09 91 13 00-0232)</b>		
09 91 13 00-0241 EA 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door.....	49.58	
Note: One face		
For Half Louvered Door, Add	5.13	
For Full Louvered Door, Add	8.55	
For Electrostatic Painting, Add	7.27	
For >5 To 10, Deduct	-2.48	
For >10 To 25, Deduct	-4.96	
For >25, Deduct	-7.44	
09 91 13 00-0242 EA 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door.....	49.58	
Note: One face		
For Half Louvered Door, Add	5.13	
For Full Louvered Door, Add	8.55	
For Electrostatic Painting, Add	7.27	
For >5 To 10, Deduct	-2.48	
For >10 To 25, Deduct	-4.96	
For >25, Deduct	-7.44	
09 91 13 00-0243 EA 2 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door.....	88.34	
Note: One face		
For Half Louvered Door, Add	8.67	
For Full Louvered Door, Add	14.44	
For Electrostatic Painting, Add	13.42	
For >5 To 10, Deduct	-4.42	
For >10 To 25, Deduct	-8.83	
For >25, Deduct	-13.25	
09 91 13 00-0244 EA 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door.....	88.97	
Note: Both faces		
For Half Louvered Door, Add	9.20	
For Full Louvered Door, Add	15.33	
For Electrostatic Painting, Add	13.04	
For >5 To 10, Deduct	-4.45	
For >10 To 25, Deduct	-8.90	
For >25, Deduct	-13.35	
09 91 13 00-0245 EA 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door.....	88.97	
Note: Both faces		
For Half Louvered Door, Add	9.20	
For Full Louvered Door, Add	15.33	
For Electrostatic Painting, Add	13.04	
For >5 To 10, Deduct	-4.45	
For >10 To 25, Deduct	-8.90	
For >25, Deduct	-13.35	
09 91 13 00-0246 EA 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door.....	159.03	
Note: Both faces		
For Half Louvered Door, Add	15.56	
For Full Louvered Door, Add	25.94	
For Electrostatic Painting, Add	24.20	
For >5 To 10, Deduct	-7.95	
For >10 To 25, Deduct	-15.90	
For >25, Deduct	-23.85	
09 91 13 00-0247 EA 1 Coat Primer, Sprayed, Paint Exterior Metal Door.....	42.14	
Note: One face		
For Half Louvered Door, Add	3.78	
For Full Louvered Door, Add	6.31	
For Electrostatic Painting, Add	6.75	
For >5 To 10, Deduct	-2.11	
For >10 To 25, Deduct	-4.21	
For >25, Deduct	-6.32	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0248 EA 1 Coat Paint, Sprayed, Paint Exterior Metal Door.....	42.14	
Note: One face		
For Half Louvered Door, Add	3.78	
For Full Louvered Door, Add	6.31	
For Electrostatic Painting, Add	6.75	
For >5 To 10, Deduct	-2.11	
For >10 To 25, Deduct	-4.21	
For >25, Deduct	-6.32	
09 91 13 00-0249 EA 2 Coats Paint, Sprayed, Paint Exterior Metal Door.....	76.22	
Note: One face		
For Half Louvered Door, Add	6.39	
For Full Louvered Door, Add	10.65	
For Electrostatic Painting, Add	12.67	
For >5 To 10, Deduct	-3.81	
For >10 To 25, Deduct	-7.62	
For >25, Deduct	-11.43	
09 91 13 00-0250 EA 1 Coat Primer, Sprayed, Paint Exterior Metal Door.....	75.63	
Note: Both faces		
For Half Louvered Door, Add	6.78	
For Full Louvered Door, Add	11.31	
For Electrostatic Painting, Add	12.12	
For >5 To 10, Deduct	-3.78	
For >10 To 25, Deduct	-7.56	
For >25, Deduct	-11.34	
09 91 13 00-0251 EA 1 Coat Paint, Sprayed, Paint Exterior Metal Door.....	75.63	
Note: Both faces		
For Half Louvered Door, Add	6.78	
For Full Louvered Door, Add	11.31	
For Electrostatic Painting, Add	12.12	
For >5 To 10, Deduct	-3.78	
For >10 To 25, Deduct	-7.56	
For >25, Deduct	-11.34	
09 91 13 00-0252 EA 2 Coats Paint, Sprayed, Paint Exterior Metal Door.....	137.33	
Note: Both faces		
For Half Louvered Door, Add	11.48	
For Full Louvered Door, Add	19.13	
For Electrostatic Painting, Add	22.85	
For >5 To 10, Deduct	-6.87	
For >10 To 25, Deduct	-13.73	
For >25, Deduct	-20.60	
09 91 13 00-0253 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door.....	2.60	
For Electrostatic Painting, Add	0.30	
09 91 13 00-0254 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door.....	2.70	
For Electrostatic Painting, Add	0.32	
09 91 13 00-0255 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Section Door, Or Roll Up Door.....	5.57	
For Electrostatic Painting, Add	0.65	
09 91 13 00-0256 SF 1 Coat Primer, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door.....	2.63	
For Electrostatic Painting, Add	0.30	
09 91 13 00-0257 SF 1 Coat Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door.....	2.73	
For Electrostatic Painting, Add	0.33	
09 91 13 00-0258 SF 2 Coats Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door.....	5.28	
For Electrostatic Painting, Add	0.63	
<b>09 91 13 00-0259 Paint Exterior Wood Doors (09 91 13 00-0232)</b>		
09 91 13 00-0260 EA 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door.....	46.96	
Note: One face		
For Half Louvered Door, Add	5.13	
For Full Louvered Door, Add	8.55	
For >5 To 10, Deduct	-2.35	
For >10 To 25, Deduct	-4.70	
For >25, Deduct	-7.04	
09 91 13 00-0261 EA 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door.....	46.96	
Note: One face		
For Half Louvered Door, Add	5.13	
For Full Louvered Door, Add	8.55	
For >5 To 10, Deduct	-2.35	
For >10 To 25, Deduct	-4.70	
For >25, Deduct	-7.04	
09 91 13 00-0262 EA 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door.....	83.12	
Note: One face		
For Half Louvered Door, Add	8.67	
For Full Louvered Door, Add	14.44	
For >5 To 10, Deduct	-4.16	
For >10 To 25, Deduct	-8.31	
For >25, Deduct	-12.47	
09 91 13 00-0263 EA 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door.....	84.25	
Note: Both faces		
For Half Louvered Door, Add	9.20	
For Full Louvered Door, Add	15.33	
For >5 To 10, Deduct	-4.21	
For >10 To 25, Deduct	-8.43	
For >25, Deduct	-12.64	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0264	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door.....	84.25	
			Note: Both faces		
			For Half Louvered Door, Add	9.20	
			For Full Louvered Door, Add	15.33	
			For >5 To 10, Deduct	-4.21	
			For >10 To 25, Deduct	-8.43	
			For >25, Deduct	-12.64	
09 91	13 00-0265	EA	2 Coats Paint, Brush Roller Work, Paint Exterior Wood Door.....	149.60	
			Note: Both faces		
			For Half Louvered Door, Add	15.56	
			For Full Louvered Door, Add	25.94	
			For >5 To 10, Deduct	-7.48	
			For >10 To 25, Deduct	-14.96	
			For >25, Deduct	-22.44	
09 91	13 00-0266	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door.....	39.25	
			Note: One face		
			For Half Louvered Door, Add	3.78	
			For Full Louvered Door, Add	6.31	
			For >5 To 10, Deduct	-1.96	
			For >10 To 25, Deduct	-3.93	
			For >25, Deduct	-5.89	
09 91	13 00-0267	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door.....	39.25	
			Note: One face		
			For Half Louvered Door, Add	3.78	
			For Full Louvered Door, Add	6.31	
			For >5 To 10, Deduct	-1.96	
			For >10 To 25, Deduct	-3.93	
			For >25, Deduct	-5.89	
09 91	13 00-0268	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door.....	70.50	
			Note: One face		
			For Half Louvered Door, Add	6.39	
			For Full Louvered Door, Add	10.65	
			For >5 To 10, Deduct	-3.53	
			For >10 To 25, Deduct	-7.05	
			For >25, Deduct	-10.58	
09 91	13 00-0269	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door.....	70.44	
			Note: Both faces		
			For Half Louvered Door, Add	6.78	
			For Full Louvered Door, Add	11.31	
			For >5 To 10, Deduct	-3.52	
			For >10 To 25, Deduct	-7.04	
			For >25, Deduct	-10.57	
09 91	13 00-0270	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door.....	70.44	
			Note: Both faces		
			For Half Louvered Door, Add	6.78	
			For Full Louvered Door, Add	11.31	
			For >5 To 10, Deduct	-3.52	
			For >10 To 25, Deduct	-7.04	
			For >25, Deduct	-10.57	
09 91	13 00-0271	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door.....	126.95	
			Note: Both faces		
			For Half Louvered Door, Add	11.48	
			For Full Louvered Door, Add	19.13	
			For >5 To 10, Deduct	-6.35	
			For >10 To 25, Deduct	-12.70	
			For >25, Deduct	-19.04	
09 91	13 00-0272	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door.....	2.58	
09 91	13 00-0273	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door.....	2.64	
09 91	13 00-0274	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door.....	5.46	
09 91	13 00-0275	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door.....	2.59	
09 91	13 00-0276	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door.....	2.67	
09 91	13 00-0277	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door.....	5.17	
09 91	13 00-0278		<b>Paint Exterior Metal Windows</b> (09 91 13 00-0232)		
			Note: Two finish coats paint over rust inhibitive primer.		
09 91	13 00-0279	EA	Up To 8 SF Window Size, 1 Coat Paint, Brush Work, Exterior Metal Window Including Trim.....	86.87	
			For Electrostatic Painting, Add	10.22	
			For >5 To 10, Deduct	-4.34	
			For >10 To 25, Deduct	-8.69	
			For >25, Deduct	-13.03	
09 91	13 00-0280	EA	>8 To 14 SF Window Size, 1 Coat Paint, Brush Work, Exterior Metal Window Including Trim.....	104.23	
			For Electrostatic Painting, Add	12.79	
			For >5 To 10, Deduct	-5.21	
			For >10 To 25, Deduct	-10.42	
			For >25, Deduct	-15.63	
09 91	13 00-0281	EA	>14 To 20 SF Window Size, 1 Coat Paint, Brush Work, Exterior Metal Window Including Trim.....	140.36	
			For Electrostatic Painting, Add	17.40	
			For >5 To 10, Deduct	-7.02	
			For >10 To 25, Deduct	-14.04	
			For >25, Deduct	-21.05	
09 91	13 00-0282	EA	>20 To 26 SF Window Size, 1 Coat Paint, Brush Work, Exterior Metal Window Including Trim.....	158.04	
			For Electrostatic Painting, Add	19.61	
			For >5 To 10, Deduct	-7.90	
			For >10 To 25, Deduct	-15.80	
			For >25, Deduct	-23.71	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0283 EA >26 To 34 SF Window Size, 1 Coat Paint, Brush Work, Exterior Metal Window Including Trim.....	175.31	
For Electrostatic Painting, Add	21.71	
For >5 To 10, Deduct	-8.77	
For >10 To 25, Deduct	-17.53	
For >25, Deduct	-26.30	
09 91 13 00-0284 SF >34 SF Window Size, 1 Coat Paint, Brush Work, Exterior Metal Window Including Trim.....	5.57	
For Electrostatic Painting, Add	0.69	
<b>09 91 13 00-0285 Paint Exterior Wood Windows (09 91 13 00-0232)</b>		
Note: Two finish coats paint over primer.		
09 91 13 00-0286 EA Up To 8 SF Window Size, 1 Coat Paint, Brush Work, Exterior Wood Window Including Trim.....	85.13	
For >5 To 10, Deduct	-4.26	
For >10 To 25, Deduct	-8.51	
For >25, Deduct	-12.77	
09 91 13 00-0287 EA >8 To 14 SF Window Size, 1 Coat Paint, Brush Work, Exterior Wood Window Including Trim .....	101.54	
For >5 To 10, Deduct	-5.08	
For >10 To 25, Deduct	-10.15	
For >25, Deduct	-15.23	
09 91 13 00-0288 EA >14 To 20 SF Window Size, 1 Coat Paint, Brush Work, Exterior Wood Window Including Trim .....	136.53	
For >5 To 10, Deduct	-6.83	
For >10 To 25, Deduct	-13.65	
For >25, Deduct	-20.48	
09 91 13 00-0289 EA >20 To 26 SF Window Size, 1 Coat Paint, Brush Work, Exterior Wood Window Including Trim .....	153.72	
For >5 To 10, Deduct	-7.69	
For >10 To 25, Deduct	-15.37	
For >25, Deduct	-23.06	
09 91 13 00-0290 EA >26 To 34 SF Window Size, 1 Coat Paint, Brush Work, Exterior Wood Window Including Trim .....	170.55	
For >5 To 10, Deduct	-8.53	
For >10 To 25, Deduct	-17.06	
For >25, Deduct	-25.58	
09 91 13 00-0291 SF >34 SF Window Size, 1 Coat Paint, Brush Work, Exterior Wood Window Including Trim .....	5.72	
<b>09 91 13 00-0292 Paint Exterior Security Screens (09 91 13 00-0232)</b>		
09 91 13 00-0293 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Security Screen .....	1.46	
For Electrostatic Painting, Add	0.18	
09 91 13 00-0294 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Security Screen .....	1.51	
For Electrostatic Painting, Add	0.18	
09 91 13 00-0295 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Security Screen.....	2.50	
For Electrostatic Painting, Add	0.29	
<b>09 91 13 00-0296 Paint Exterior Window Guards (09 91 13 00-0232)</b>		
09 91 13 00-0297 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Guards .....	1.46	
09 91 13 00-0298 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Guards .....	1.51	
09 91 13 00-0299 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Guards.....	2.50	
<b>09 91 13 00-0300 Paint Exterior Window Trim (09 91 13 00-0232)</b>		
09 91 13 00-0301 LF 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim .....	1.31	
09 91 13 00-0302 LF 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim.....	1.31	
09 91 13 00-0303 LF 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim .....	2.09	
09 91 13 00-0304 LF 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim .....	1.46	
09 91 13 00-0305 LF 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim .....	1.46	
09 91 13 00-0306 LF 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim .....	2.38	
<b>09 91 13 00-0307 Paint Roofing And Trim (09 91 13)</b>		
<b>09 91 13 00-0308 Paint Stain Or Seal Wood Roofing (09 91 13 00-0307)</b>		
09 91 13 00-0309 SF 1 Coat, Brush/Roller Work, Stain And Seal Shingles/Shake.....	1.80	
For Up To 100, Add	1.01	
For >100 To 250, Add	0.49	
For >250 To 500, Add	0.21	
09 91 13 00-0310 SF 2 Coats, Brush/Roller Work, Stain And Seal Shingles/Shake.....	3.28	
For Up To 100, Add	1.81	
For >100 To 250, Add	0.88	
For >250 To 500, Add	0.38	
<b>09 91 13 00-0311 Paint Metal Roofing (09 91 13 00-0307)</b>		
09 91 13 00-0312 SF 1 Coat Paint, Brush/Roller Work, Paint Metal Roofing.....	0.78	
For Up To 100, Add	0.41	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
09 91 13 00-0313 SF 2 Coats Paint, Brush/Roller Work, Paint Metal Roofing.....	1.37	
For Up To 100, Add	0.73	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
<b>09 91 13 00-0314 Paint Fascia Board (09 91 13 00-0307)</b>		

<b>09</b>	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0315 LF 1 Coat Primer, Brush/Roller Work, Paint Fascia Board.....	0.73	
For Up To 100, Add	0.40	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
09 91 13 00-0316 LF 1 Coat Paint, Brush/Roller Work, Paint Fascia Board.....	0.73	
For Up To 100, Add	0.40	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
09 91 13 00-0317 LF 2 Coats Paint, Brush/Roller Work, Paint Fascia Board.....	1.28	
For Up To 100, Add	0.72	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
<b>09 91 13 00-0318 Paint Soffit</b> <small>(09 91 13 00-0307)</small>		
09 91 13 00-0319 SF 1 Coat Primer, Brush/Roller Work, Paint Soffit .....	0.84	
For Up To 100, Add	0.42	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
09 91 13 00-0320 SF 1 Coat Paint, Brush/Roller Work, Paint Soffit.....	0.84	
For Up To 100, Add	0.42	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
09 91 13 00-0321 SF 2 Coats Paint, Brush/Roller Work, Paint Soffit.....	1.45	
For Up To 100, Add	0.75	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.16	
<b>09 91 13 00-0322 Paint Site Work</b> <small>(09 91 13)</small>		
Note: Tasks can be used for exterior or interior applications.		
<b>09 91 13 00-0323 Paint Structural Steel</b> <small>(09 91 13 00-0322)</small>		
<b>09 91 13 00-0324 Paint Structural Steel, Brush Work</b> <small>(09 91 13 00-0323)</small>		
09 91 13 00-0325 SF 1 Field Coat Primer, Brush/Roller Work, Paint Structural Steel .....	1.01	
For Up To 100, Add	0.67	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For Epoxy Paint, Add	0.10	
09 91 13 00-0326 SF 1 Field Coat Paint, Brush/Roller Work, Paint Structural Steel.....	0.89	
For Up To 100, Add	0.58	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For Epoxy Paint, Add	0.09	
<b>09 91 13 00-0327 Paint Structural Steel, Spray Work</b> <small>(09 91 13 00-0323)</small>		
09 91 13 00-0328 SF 1 Field Coat Primer, Spray Work, Paint Structural Steel.....	0.68	
For Electrostatic Painting, Add	0.09	
For Up To 100, Add	0.42	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For Epoxy Paint, Add	0.08	
09 91 13 00-0329 SF 1 Field Coat Paint, Spray Work, Paint Structural Steel.....	0.55	
For Electrostatic Painting, Add	0.08	
For Up To 100, Add	0.32	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For Epoxy Paint, Add	0.07	
<b>09 91 13 00-0330 Paint Metal Decking, Beams And Bar Joist</b> <small>(09 91 13 00-0323)</small>		
09 91 13 00-0331 SF 1 Coat Primer, Sprayed, Paint Exposed Metal Decking.....	0.77	
For Up To 100, Add	0.49	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For Epoxy Paint, Add	0.08	
09 91 13 00-0332 SF 1 Coat Paint, Sprayed, Paint Exposed Metal Decking .....	0.77	
For Up To 100, Add	0.49	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For Epoxy Paint, Add	0.08	
09 91 13 00-0333 SF 2 Coats Paint, Sprayed, Paint Exposed Metal Decking .....	1.29	
For Up To 100, Add	0.79	
For >100 To 250, Add	0.38	
For >250 To 500, Add	0.16	
For Epoxy Paint, Add	0.15	
09 91 13 00-0334 SF 1 Coat Primer, Brush/Roller Work, Paint Metal Bearms And Bar Joists.....	1.19	
For Up To 100, Add	0.72	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For Epoxy Paint, Add	0.15	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0335 SF 1 Coat Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists .....	1.17	
For Up To 100, Add	0.73	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
For Epoxy Paint, Add	0.13	
09 91 13 00-0336 SF 2 Coats Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists .....	2.20	
For Up To 100, Add	1.34	
For >100 To 250, Add	0.64	
For >250 To 500, Add	0.28	
For Epoxy Paint, Add	0.26	
09 91 13 00-0337 SF 1 Coat Primer, Sprayed, Paint Metal Beams And Bar Joists .....	0.94	
For Up To 100, Add	0.57	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For Epoxy Paint, Add	0.11	
09 91 13 00-0338 SF 1 Coat Paint, Sprayed, Paint Metal Beams And Bar Joists.....	0.94	
For Up To 100, Add	0.57	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For Epoxy Paint, Add	0.11	
09 91 13 00-0339 SF 2 Coats Paint, Sprayed, Paint Metal Beams And Bar Joists.....	1.57	
For Up To 100, Add	0.92	
For >100 To 250, Add	0.44	
For >250 To 500, Add	0.19	
For Epoxy Paint, Add	0.21	
<b>09 91 13 00-0340 Paint Steel Pipes</b> <small>(09 91 13 00-0322)</small>		
Note: Includes pipe, tubes, rails, conduit, etc.		
09 91 13 00-0341 LF 1 Coat Primer, Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter.....	1.69	
For Electrostatic Painting, Add	0.20	
For Epoxy Paint, Add	0.15	
09 91 13 00-0342 LF 1 Coat Primer, Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter.....	1.90	
For Electrostatic Painting, Add	0.23	
For Epoxy Paint, Add	0.17	
09 91 13 00-0343 LF 1 Coat Primer, Paint Steel Pipes 4" Diameter.....	2.14	
For Electrostatic Painting, Add	0.26	
For Epoxy Paint, Add	0.20	
09 91 13 00-0344 LF 1 Coat Primer, Paint Steel Pipes 6" To 8" Diameter .....	2.68	
For Electrostatic Painting, Add	0.32	
For Epoxy Paint, Add	0.24	
09 91 13 00-0345 LF 1 Coat Primer, Paint Steel Pipes 10" To 12" Diameter .....	3.40	
For Electrostatic Painting, Add	0.41	
For Epoxy Paint, Add	0.31	
09 91 13 00-0346 LF 1 Coat, Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter .....	1.69	
For Electrostatic Painting, Add	0.20	
For Epoxy Paint, Add	0.15	
09 91 13 00-0347 LF 1 Coat, Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter .....	1.90	
For Electrostatic Painting, Add	0.23	
For Epoxy Paint, Add	0.17	
09 91 13 00-0348 LF 1 Coat, Paint Steel Pipes 4" Diameter .....	2.14	
For Electrostatic Painting, Add	0.26	
For Epoxy Paint, Add	0.20	
09 91 13 00-0349 LF 1 Coat, Paint Steel Pipes 6" To 8" Diameter.....	2.68	
For Electrostatic Painting, Add	0.32	
For Epoxy Paint, Add	0.24	
09 91 13 00-0350 LF 1 Coat, Paint Steel Pipes 10" To 12" Diameter.....	3.40	
For Electrostatic Painting, Add	0.41	
For Epoxy Paint, Add	0.31	
09 91 13 00-0351 LF 2 Coats, Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter .....	3.40	
For Electrostatic Painting, Add	0.43	
For Epoxy Paint, Add	0.35	
09 91 13 00-0352 LF 2 Coats, Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter .....	3.79	
For Electrostatic Painting, Add	0.46	
For Epoxy Paint, Add	0.35	
09 91 13 00-0353 LF 2 Coats, Paint Steel Pipes 4" Diameter .....	4.10	
For Electrostatic Painting, Add	0.50	
For Epoxy Paint, Add	0.38	
09 91 13 00-0354 LF 2 Coats, Paint Steel Pipes 6" To 8" Diameter .....	5.19	
For Electrostatic Painting, Add	0.63	
For Epoxy Paint, Add	0.48	
09 91 13 00-0355 LF 2 Coats, Paint Steel Pipes 10" To 12" Diameter.....	6.37	
For Electrostatic Painting, Add	0.77	
For Epoxy Paint, Add	0.59	
09 91 13 00-0356 EA 1 Coat, Paint Exposed Single Or Double Gang, Outlet Box .....	8.72	
For Electrostatic Painting, Add	0.91	
For Epoxy Paint, Add	0.51	
<b>09 91 13 00-0357 Paint Fencing</b> <small>(09 91 13 00-0322)</small>		
Note: Per side of fence. Based on gross fence area (length of fence x height of fence).		
09 91 13 00-0358 SF 1 Coat Paint, Brush/Roller, Paint Existing Chain Link Fence.....	0.85	
For Epoxy Paint, Add	0.08	
For Up To 100, Add	0.56	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.11	

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0359	SF	2 Coats Paint, Brush/Roller, Paint Existing Chain Link Fence .....	1.57	
			For Epoxy Paint, Add	0.16	
			For Up To 100, Add	1.02	
			For >100 To 250, Add	0.48	
			For >250 To 500, Add	0.21	
09 91	13 00-0360	SF	1 Coat Paint, Sprayed, Paint Existing Chain Link Fence .....	0.68	
			For Epoxy Paint, Add	0.08	
			For Electrostatic Painting, Add	0.09	
			For Up To 100, Add	0.41	
			For >100 To 250, Add	0.20	
			For >250 To 500, Add	0.09	
09 91	13 00-0361	SF	2 Coats Paint, Sprayed, Paint Existing Chain Link Fence.....	1.28	
			For Epoxy Paint, Add	0.16	
			For Electrostatic Painting, Add	0.18	
			For Up To 100, Add	0.76	
			For >100 To 250, Add	0.37	
			For >250 To 500, Add	0.16	
09 91	13 00-0362	SF	1 Coat Primer, Brush/Roller, Paint Wrought Iron Fence .....	0.75	
			For Epoxy Paint, Add	0.09	
			For Up To 100, Add	0.47	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.10	
09 91	13 00-0363	SF	1 Coat, Brush/Roller, Paint Wrought Iron Fence .....	0.72	
			For Epoxy Paint, Add	0.08	
			For Up To 100, Add	0.46	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.10	
09 91	13 00-0364	SF	Each Additional Coat, Brush/Roller, Paint Wrought Iron Fence .....	0.50	
			For Epoxy Paint, Add	0.06	
			For Up To 100, Add	0.30	
			For >100 To 250, Add	0.14	
			For >250 To 500, Add	0.06	
09 91	13 00-0365	SF	1 Coat Primer, Brush/Roller, Paint Picket Fence .....	1.02	
			For Epoxy Paint, Add	0.08	
			For Up To 100, Add	0.72	
			For >100 To 250, Add	0.34	
			For >250 To 500, Add	0.15	
09 91	13 00-0366	SF	1 Coat, Brush/Roller, Paint Picket Fence.....	1.02	
			For Epoxy Paint, Add	0.08	
			For Up To 100, Add	0.72	
			For >100 To 250, Add	0.34	
			For >250 To 500, Add	0.15	
09 91	13 00-0367	SF	Each Additional Coat, Brush/Roller, Paint Picket Fence .....	0.72	
			For Epoxy Paint, Add	0.06	
			For Up To 100, Add	0.49	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
09 91	13 00-0368	SF	1 Coat, Brush/Roller, Paint Wood Fences .....	0.73	
			For Up To 100, Add	0.46	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.10	
09 91	13 00-0369	SF	2 Coats, Brush/Roller, Paint Wood Fences.....	1.29	
			For Up To 100, Add	0.81	
			For >100 To 250, Add	0.38	
			For >250 To 500, Add	0.17	
09 91	13 00-0370	SF	1 Coat, Sprayed, Paint Wood Fences.....	0.53	
			For Up To 100, Add	0.31	
			For >100 To 250, Add	0.15	
			For >250 To 500, Add	0.07	
09 91	13 00-0371	SF	2 Coats, Sprayed, Paint Wood Fences.....	0.98	
			For Up To 100, Add	0.57	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
09 91	13 00-0372		<b>Paint Metal Louvers</b> (09 91 13 00-0322)		
09 91	13 00-0373	SF	1 Coat Primer, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area.....	1.42	
			For Electrostatic Painting, Add	0.16	
09 91	13 00-0374	SF	1 Coat Alkyd, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area .....	1.44	
			For Electrostatic Painting, Add	0.17	
09 91	13 00-0375	SF	2 Coats Alkyd, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area.....	2.96	
			For Electrostatic Painting, Add	0.35	
09 91	13 00-0376		<b>Paint Ladders</b> (09 91 13 00-0322)		
09 91	13 00-0377	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Ladders .....	4.00	
			For Epoxy Paint, Add	0.23	
09 91	13 00-0378	LF	1 Coat Alkyd Enamel, Brush/Roller Work, Paint Ladders .....	4.48	
			For Epoxy Paint, Add	0.26	
09 91	13 00-0379	LF	2 Coats Alkyd Enamel, Brush/Roller Work, Paint Ladders.....	8.85	
			For Epoxy Paint, Add	0.49	
09 91	13 00-0380		<b>Paint Handrails</b> (09 91 13 00-0322)		





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 91	13 00-0381	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket ..... <i>For Epoxy Paint, Add</i>	1.57 0.11	
	09 91	13 00-0382	LF	1 Coat Alkyd Enamel, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket..... <i>For Epoxy Paint, Add</i>	1.75 0.12	
	09 91	13 00-0383	LF	2 Coats Alkyd Enamel, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket..... <i>For Epoxy Paint, Add</i>	2.90 0.18	
	09 91	13 00-0384	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets ..... <i>For Epoxy Paint, Add</i>	2.74 0.29	
	09 91	13 00-0385	LF	1 Coat Alkyd Enamel, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets..... <i>For Epoxy Paint, Add</i>	3.01 0.31	
	09 91	13 00-0386	LF	2 Coats Alkyd Enamel, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets..... <i>For Epoxy Paint, Add</i>	5.22 0.50	
	09 91	13 00-0387	LF	1 Coat Alkyd Primer, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets..... <i>For Epoxy Paint, Add</i>	2.96 0.30	
	09 91	13 00-0388	LF	1 Coat Alkyd Enamel, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets..... <i>For Epoxy Paint, Add</i>	3.27 0.32	
	09 91	13 00-0389	LF	2 Coats Alkyd Enamel, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets ..... <i>For Epoxy Paint, Add</i>	5.55 0.51	
	09 91	13 00-0390	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Balustrades..... <i>For Epoxy Paint, Add</i>	1.67 0.16	
	09 91	13 00-0391	LF	1 Coat Alkyd Enamel, Brush/Roller Work, Paint Balustrades..... <i>For Epoxy Paint, Add</i>	1.84 0.17	
	09 91	13 00-0392	LF	2 Coats Alkyd Enamel, Brush/Roller Work, Paint Balustrades..... <i>For Epoxy Paint, Add</i>	3.34 0.32	
	<b>09 91</b>	<b>13 00-0393</b>		<b>Paint Grating</b> <small>(09 91 13 00-0322)</small>		
	09 91	13 00-0394	SF	1 Coat Primer, Brush/Roller Work, Paint Gratings And Frames..... <i>For Epoxy Paint, Add</i>	2.90 0.18	
	09 91	13 00-0395	SF	1 Coat Paint, Brush/Roller Work, Paint Gratings And Frames..... <i>For Epoxy Paint, Add</i>	2.94 0.19	
	09 91	13 00-0396	SF	2 Coats Paint, Brush/Roller Work, Paint Gratings And Frames..... <i>For Epoxy Paint, Add</i>	4.38 0.31	
	<b>09 91</b>	<b>13 00-0397</b>		<b>Equipment And Tanks</b> <small>(09 91 13 00-0322)</small>		
	<b>09 91</b>	<b>13 00-0398</b>		<b>Valves, Primer And Finish Coats</b> <small>(09 91 13 00-0397)</small>		
	09 91	13 00-0399	EA	Prime And Paint 4" And Smaller Valve.....	28.87	
	09 91	13 00-0400	EA	Prime And Paint 6" To 10" Valve.....	35.21	
	09 91	13 00-0401	EA	Prime And Paint 12" To 18" Valve.....	46.47	
	09 91	13 00-0402	EA	Prime And Paint 20" To 24" Valve.....	62.62	
	09 91	13 00-0403	EA	Prime And Paint >24" To 36" Valve.....	85.14	
	09 91	13 00-0404	EA	Prime And Paint >36" To 48" Valve.....	115.44	
	<b>09 91</b>	<b>13 00-0405</b>		<b>Pumps And Motors. Primer And Finish Coats</b> <small>(09 91 13 00-0397)</small>		
	09 91	13 00-0406	EA	Prime And Paint Pump Under 1 HP.....	88.03	
	09 91	13 00-0407	EA	Prime And Paint Pump, 1 HP To 5 HP.....	114.87	
	09 91	13 00-0408	EA	Prime And Paint Pump, >5 HP To 10 HP.....	136.81	
	09 91	13 00-0409	EA	Prime And Paint Pump, >10 HP To 20 HP.....	152.41	
	09 91	13 00-0410	EA	Prime And Paint Pump, >20 HP To 30 HP.....	177.81	
	09 91	13 00-0411	EA	Prime And Paint Pump, >30 HP To 50 HP.....	203.20	
	09 91	13 00-0412	EA	Prime And Paint Pump, >50 HP To 75 HP.....	223.70	
	09 91	13 00-0413	EA	Prime And Paint Pump, >75 HP.....	254.00	
	<b>09 91</b>	<b>13 00-0414</b>		<b>Storage Tanks</b> <small>(09 91 13 00-0397)</small>		
	09 91	13 00-0415	SF	1 Coat Primer, Roller, Paint Storage Tank, Exterior Surface.....	1.07	
	09 91	13 00-0416	SF	1 Coat Paint, Roller, Paint Storage Tank, Exterior Surface.....	1.39	
	09 91	13 00-0417	SF	2 Coats Paint, Roller, Paint Storage Tank, Exterior Surface.....	2.63	
	09 91	13 00-0418	SF	1 Coat Primer, Roller, Paint Storage Tank, Interior Surface.....	1.49	
	09 91	13 00-0419	SF	1 Coat Paint, Roller, Paint Storage Tank, Interior Surface.....	1.84	
	09 91	13 00-0420	SF	2 Coats Paint, Roller, Paint Storage Tank, Interior Surface.....	3.54	
	09 91	13 00-0421	SF	1 Coat Primer, Spray, Paint Storage Tank, Exterior Surface.....	1.05	
	09 91	13 00-0422	SF	1 Coat Paint, Spray, Paint Storage Tank, Exterior Surface.....	1.24	
	09 91	13 00-0423	SF	2 Coats Paint, Spray, Paint Storage Tank, Exterior Surface.....	2.38	
	09 91	13 00-0424	SF	1 Coat Primer, Spray, Paint Storage Tank, Interior Surface.....	1.22	
	09 91	13 00-0425	SF	1 Coat Paint, Spray, Paint Storage Tank, Interior Surface.....	1.56	
	09 91	13 00-0426	SF	2 Coats Paint, Spray, Paint Storage Tank, Interior Surface.....	3.01	
	<b>09 91</b>	<b>13 00-0427</b>		<b>Other Site Work Painting</b> <small>(09 91 13 00-0322)</small>		
	<b>09 91</b>	<b>13 00-0428</b>		<b>Paint Shutters Or Blinds, Solid Panel</b> <small>(09 91 13 00-0427)</small>		
	09 91	13 00-0429	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Solid Panel.....	3.15	
	09 91	13 00-0430	SF	1 Coat, Brush Work, Paint Shutter Or Blinds, Solid Panel.....	3.15	
	09 91	13 00-0431	SF	2 Coats, Brush Work, Paint Shutter Or Blinds, Solid Panel.....	5.60	
	09 91	13 00-0432	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Solid Panel.....	1.77	
	09 91	13 00-0433	SF	1 Coat, Sprayed, Paint Shutter Or Blinds, Solid Panel.....	1.78	
	09 91	13 00-0434	SF	2 Coats, Sprayed, Paint Shutter Or Blinds, Solid Panel.....	3.28	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>09 91 13 00-0435</b>	<b>Paint Shutters Or Blinds, Louvered Panel</b> <small>(09 91 13 00-0427)</small>	
09 91 13 00-0436	SF 1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Louvered Panel.....	3.90
09 91 13 00-0437	SF 1 Coat, Brush Work, Paint Shutter Or Blinds, Louvered Panel.....	3.90
09 91 13 00-0438	SF 2 Coats, Brush Work, Paint Shutter Or Blinds, Louvered Panel.....	6.93
09 91 13 00-0439	SF 1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Louvered Panel.....	2.16
09 91 13 00-0440	SF 1 Coat, Sprayed, Paint Shutter Or Blinds, Louvered Panel.....	2.17
09 91 13 00-0441	SF 2 Coats, Sprayed, Paint Shutter Or Blinds, Louvered Panel.....	3.99
<b>09 91 13 00-0442</b>	<b>Paint Flagpoles</b> <small>(09 91 13 00-0427)</small>	
09 91 13 00-0443	EA 1 Coat, Paint Steel Flagpole, 20' High.....	199.21
09 91 13 00-0444	EA 1 Coat, Paint Steel Flagpole, 30' High.....	267.84
09 91 13 00-0445	EA 1 Coat, Paint Steel Flagpole, 40' High.....	336.53
09 91 13 00-0446	EA 1 Coat, Paint Steel Flagpole, 50' High.....	405.22
09 91 13 00-0447	EA 1 Coat, Paint Steel Flagpole, 70' High.....	538.20
09 91 13 00-0448	EA 1 Coat, Paint Steel Flagpole, 80' High.....	606.33
09 91 13 00-0449	EA 1 Coat, Paint Steel Flagpole, 90' High.....	674.48
<b>09 91 13 00-0450</b>	<b>Paint Lattice Or Trellis</b> <small>(09 91 13 00-0427)</small>	
09 91 13 00-0451	SF 1 Coat, Spray Per Side, Paint Wood Lattice Or Trellis.....	1.39
	<i>For Up To 100, Add</i>	0.96
	<i>For &gt;100 To 250, Add</i>	0.45
	<i>For &gt;250 To 500, Add</i>	0.19
09 91 13 00-0452	SF 2 Coats, Spray Per Side, Paint Wood Lattice Or Trellis.....	2.57
	<i>For Up To 100, Add</i>	1.77
	<i>For &gt;100 To 250, Add</i>	0.83
	<i>For &gt;250 To 500, Add</i>	0.36
<b>09 91 13 00-0453</b>	<b>Paint Exterior Stairs</b> <small>(09 91 13)</small>	
<b>09 91 13 00-0454</b>	<b>Paint Exterior Concrete Stairs</b> <small>(09 91 13 00-0453)</small>	
09 91 13 00-0455	RSR 1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide).....	17.39
09 91 13 00-0456	RSR 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide).....	17.39
09 91 13 00-0457	RSR 1 Coat Non Slip Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide).....	22.28
09 91 13 00-0458	RSR 1 Coat Non Slip Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide).....	36.26
09 91 13 00-0459	RSR 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide).....	34.79
<b>09 91 13 00-0460</b>	<b>Paint Exterior Metal Stairs</b> <small>(09 91 13 00-0453)</small>	
09 91 13 00-0461	RSR 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide).....	9.02
	<i>For Oil Based Paint, Add</i>	0.48
09 91 13 00-0462	RSR 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide).....	9.02
	<i>For Oil Based Paint, Add</i>	0.48
09 91 13 00-0463	RSR 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide).....	18.05
	<i>For Oil Based Paint, Add</i>	0.96
<b>09 91 13 00-0464</b>	<b>Paint Exterior Wood Stairs</b> <small>(09 91 13 00-0453)</small>	
09 91 13 00-0465	RSR 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide).....	8.92
09 91 13 00-0466	RSR 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide).....	8.92
09 91 13 00-0467	RSR 1 Coat Non Slip Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide).....	13.81
09 91 13 00-0468	RSR 1 Coat Non Slip Epoxy Coating, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide).....	27.79
09 91 13 00-0469	RSR 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide).....	17.85
<b>09 91 13 00-0470</b>	<b>Paint Exterior Stair Nosing</b> <small>(09 91 13 00-0453)</small>	
09 91 13 00-0471	LF 1 Coat Paint, Up To 2", Non Slip, Brush Work, Paint Exterior Yellow Stair Safety Strip.....	1.69
<b>09 91 13 00-0472</b>	<b>Paint Exterior Trim</b> <small>(09 91 13)</small>	
<b>09 91 13 00-0473</b>	<b>Paint Exterior Metal Trim And Gutters</b> <small>(09 91 13 00-0472)</small>	
09 91 13 00-0474	SF 1 Coat Primer, Brush Work, Paint Exterior Exposed Metal Trim.....	1.14
09 91 13 00-0475	SF 1 Coat Paint, Brush Work, Paint Exterior Exposed Metal Trim.....	1.25
09 91 13 00-0476	SF 2 Coats Paint, Brush Work, Paint Exterior Exposed Metal Trim.....	2.24
09 91 13 00-0477	SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Exposed Metal Trim.....	1.03
09 91 13 00-0478	SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim.....	1.13
09 91 13 00-0479	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim.....	2.00
09 91 13 00-0480	LF 1 Coat Paint, Brush Work, Paint Exterior Gutter And Downspout.....	1.81
09 91 13 00-0481	LF 2 Coats Paint, Brush Work, Paint Exterior Gutter And Downspout.....	2.39
<b>09 91 13 00-0482</b>	<b>Paint Exterior Wood Trim</b> <small>(09 91 13 00-0472)</small>	
09 91 13 00-0483	SF 1 Coat Primer, Brush Work, Paint Exterior Wood Trim.....	1.64
	<i>For Oil Based Paint, Add</i>	0.09
09 91 13 00-0484	SF 1 Coat Paint, Brush Work, Paint Exterior Wood Trim.....	1.79
	<i>For Oil Based Paint, Add</i>	0.10



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0485 SF 2 Coats Paint, Brush Work, Paint Exterior Wood Trim.....	3.23	
For Oil Based Paint, Add	0.19	
09 91 13 00-0486 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Trim.....	1.29	
For Oil Based Paint, Add	0.08	
09 91 13 00-0487 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Trim.....	1.44	
For Oil Based Paint, Add	0.09	
09 91 13 00-0488 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Trim.....	2.66	
For Oil Based Paint, Add	0.16	
<b>09 91 13 00-0489 Paint Exterior Miscellaneous Metal Surfaces (09 91 13)</b>		
09 91 13 00-0490 SF 1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces.....	1.35	
For Epoxy Paint, Add	0.14	
For Electrostatic Painting, Add	0.17	
09 91 13 00-0491 SF 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces.....	1.27	
For Epoxy Paint, Add	0.11	
For Electrostatic Painting, Add	0.15	
09 91 13 00-0492 SF 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces.....	2.56	
For Epoxy Paint, Add	0.23	
For Electrostatic Painting, Add	0.31	
<b>09 91 23 Interior Painting (09 91)</b>		
Note: Acrylic latex paint unless otherwise stated. VOC compliant in all regulated areas, review specifications for levels. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss.		
<b>09 91 23 00-0001 Paint Interior Walls (09 91 23)</b>		
<b>09 91 23 00-0002 Paint Interior Brick Walls (09 91 23 00-0001)</b>		
09 91 23 00-0003 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Brick Walls.....	0.21	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.05	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.07	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.10	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.14	
For >100 To 250, Add	0.07	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.04	
09 91 23 00-0004 SF 1 Coat Filler, Brush Work, Paint Interior Brick Walls.....	1.08	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.71	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.22	
09 91 23 00-0005 SF 1 Coat Paint, Brush Work, Paint Interior Brick Walls.....	1.25	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.27	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.42	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.58	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.82	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.25	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0006	SF	2	Coat Paint, Brush Work, Paint Interior Brick Walls.....	2.21	
			For Oil Based Paint, Add	0.13	
			For Work >15' To 20' Above Floor, Add	0.27	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.46	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.73	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.01	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.43	
			For >100 To 250, Add	0.68	
			For >250 To 500, Add	0.29	
			For >2,500 To 5,000, Deduct	-0.11	
			For >5,000 To 10,000, Deduct	-0.22	
			For >10,000 To 20,000, Deduct	-0.33	
			For >20,000, Deduct	-0.44	
09 91 23 00-0007	SF	1	Coat Filler, Brush/Roller Work, Paint Interior Brick Walls.....	0.87	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.18	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.28	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.39	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.56	
			For >100 To 250, Add	0.26	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.17	
09 91 23 00-0008	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Brick Walls.....	1.07	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.21	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.33	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.46	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.66	
			For >100 To 250, Add	0.31	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
09 91 23 00-0009	SF	2	Coats Paint, Brush/Roller Work, Paint Interior Brick Walls.....	1.85	
			For Oil Based Paint, Add	0.11	
			For Work >15' To 20' Above Floor, Add	0.21	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.36	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.57	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.78	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.13	
			For >100 To 250, Add	0.54	
			For >250 To 500, Add	0.23	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.19	
			For >10,000 To 20,000, Deduct	-0.28	
			For >20,000, Deduct	-0.37	
09 91 23 00-0010	SF	1	Coat Filler, Sprayed, Paint Interior Brick Walls.....	0.71	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.08	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.13	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.21	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.29	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.42	
			For >100 To 250, Add	0.20	
			For >250 To 500, Add	0.09	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.14	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0011 SF 1 Coat Paint, Sprayed, Paint Interior Brick Walls.....	0.78	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.20	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.28	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.42	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 23 00-0012 SF 2 Coats Paint, Sprayed, Paint Interior Brick Walls.....	1.35	
For Oil Based Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.49	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.74	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.27	
09 91 23 00-0013 SF 1 Coat Bonding Agent, Brush Work, Paint Interior Brick Walls.....	1.11	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.72	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.22	
09 91 23 00-0014 SF 1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Brick Walls.....	0.90	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.39	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.56	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	
09 91 23 00-0015 SF 1 Coat Bonding Agent, Spray, Paint Interior Brick Walls.....	0.74	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.21	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.29	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.42	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	

09 91 23 00-0016 Paint Interior Concrete Walls (09 91 23 00-0001)

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	23 00-0017	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Walls .....	0.17	
			For Work >15' To 20' Above Floor, Add	0.02	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.04	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.06	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.08	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.12	
			For >100 To 250, Add	0.05	
			For >250 To 500, Add	0.02	
			For >2,500 To 5,000, Deduct	-0.01	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 20,000, Deduct	-0.03	
			For >20,000, Deduct	-0.03	
09 91	23 00-0018	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Walls .....	0.92	
			For Oil Based Paint, Add	0.05	
			For Epoxy Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.31	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.43	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.61	
			For >100 To 250, Add	0.29	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.18	
09 91	23 00-0019	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Walls .....	1.01	
			For Oil Based Paint, Add	0.06	
			For Epoxy Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.23	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.36	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.50	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.69	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.20	
09 91	23 00-0020	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Walls .....	1.87	
			For Oil Based Paint, Add	0.10	
			For Epoxy Paint, Add	0.15	
			For Work >15' To 20' Above Floor, Add	0.25	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.42	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.67	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.92	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.29	
			For >100 To 250, Add	0.61	
			For >250 To 500, Add	0.26	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.19	
			For >10,000 To 20,000, Deduct	-0.28	
			For >20,000, Deduct	-0.37	
09 91	23 00-0021	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Walls .....	0.74	
			For Oil Based Paint, Add	0.04	
			For Epoxy Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.33	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.47	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.15	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0022 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Walls.....	0.84	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.29	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.40	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.56	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
09 91 23 00-0023 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Walls.....	1.54	
For Oil Based Paint, Add	0.09	
For Epoxy Paint, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.20	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.33	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.53	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.73	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.02	
For >100 To 250, Add	0.48	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.31	
09 91 23 00-0024 SF 1 Coat Filler, Sprayed, Paint Interior Concrete Walls.....	0.56	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.06	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.10	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.16	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.22	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.32	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 23 00-0025 SF 1 Coat Paint, Sprayed, Paint Interior Concrete Walls.....	0.66	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.21	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.29	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.41	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0026	SF		2 Coats Paint, Sprayed, Paint Interior Concrete Walls.....	1.05	
			For Oil Based Paint, Add	0.07	
			For Epoxy Paint, Add	0.13	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.31	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.43	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.63	
			For >100 To 250, Add	0.30	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
09 91 23 00-0027	SF		1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Walls.....	0.94	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.31	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.43	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.61	
			For >100 To 250, Add	0.29	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.19	
09 91 23 00-0028	SF		1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Walls .....	0.76	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.33	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.47	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.15	
09 91 23 00-0029	SF		1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Walls .....	0.59	
			For Work >15' To 20' Above Floor, Add	0.06	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.10	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.16	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.22	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.33	
			For >100 To 250, Add	0.16	
			For >250 To 500, Add	0.07	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 20,000, Deduct	-0.09	
			For >20,000, Deduct	-0.12	
09 91 23 00-0030			Paint Interior Concrete Block Walls (09 91 23 00-0001)		
09 91 23 00-0031			Paint Interior Concrete Block Walls, Epoxy Paint (09 91 23 00-0030)		
09 91 23 00-0032	LF		1 Coat Epoxy Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls.....	0.43	
			For Work >15' To 20' Above Floor, Add	0.03	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.05	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.08	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.10	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.18	
			For >100 To 250, Add	0.09	
			For >250 To 500, Add	0.04	
			For >2,500 To 5,000, Deduct	-0.02	
			For >5,000 To 10,000, Deduct	-0.04	
			For >10,000 To 20,000, Deduct	-0.06	
			For >20,000, Deduct	-0.09	





<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0033 SF 1 Coat Epoxy Filler, Brush Work, Paint Interior Concrete Block Walls.....	1.26	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20' to 30'		
For Work >30' To 40' Above Floor, Add	0.41	
Note: Applied only to work area above 30' to 40'		
For Work >40' Above Floor, Add	0.56	
Note: Applied only to work area above 40'		
For Up To 100, Add	0.80	
For >100 To 250, Add	0.38	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.25	
09 91 23 00-0034 SF 1 Coat Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls .....	1.47	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'		
For Work >20' To 30' Above Floor, Add	0.31	
Note: Applied only to work area above 20' to 30'		
For Work >30' To 40' Above Floor, Add	0.49	
Note: Applied only to work area above 30' to 40'		
For Work >40' Above Floor, Add	0.68	
Note: Applied only to work area above 40'		
For Up To 100, Add	0.96	
For >100 To 250, Add	0.45	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.22	
For >20,000, Deduct	-0.29	
09 91 23 00-0035 SF 2 Coats Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls .....	2.61	
For Work >15' To 20' Above Floor, Add	0.32	
Note: Applied only to work area above 15' to 20'		
For Work >20' To 30' Above Floor, Add	0.53	
Note: Applied only to work area above 20' to 30'		
For Work >30' To 40' Above Floor, Add	0.85	
Note: Applied only to work area above 30' to 40'		
For Work >40' Above Floor, Add	1.17	
Note: Applied only to work area above 40'		
For Up To 100, Add	1.66	
For >100 To 250, Add	0.79	
For >250 To 500, Add	0.34	
For >2,500 To 5,000, Deduct	-0.13	
For >5,000 To 10,000, Deduct	-0.26	
For >10,000 To 20,000, Deduct	-0.39	
For >20,000, Deduct	-0.52	
09 91 23 00-0036 SF 1 Coat Epoxy Filler, Brush/Roller Work, Paint Interior Concrete Block Walls.....	1.02	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20' to 30'		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'		
For Up To 100, Add	0.62	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 23 00-0037 SF 1 Coat Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls.....	1.14	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'		
For Work >40' Above Floor, Add	0.50	
Note: Applied only to work area above 40'		
For Up To 100, Add	0.71	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	

09	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0038 SF 2 Coats Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls .....	2.14	
For Work >15' To 20' Above Floor, Add	0.25	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.41	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.66	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.91	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.31	
For >100 To 250, Add	0.63	
For >250 To 500, Add	0.27	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.21	
For >10,000 To 20,000, Deduct	-0.32	
For >20,000, Deduct	-0.43	
09 91 23 00-0039 SF 1 Coat Epoxy Filler, Sprayed, Paint Interior Concrete Block Walls .....	0.77	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.19	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.26	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.40	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.15	
09 91 23 00-0040 SF 1 Coat Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls .....	0.94	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.16	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.26	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.35	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.53	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 23 00-0041 SF 2 Coats Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls .....	1.70	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.27	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.43	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.59	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.90	
For >100 To 250, Add	0.44	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.34	
<b>09 91 23 00-0042 Paint Interior Concrete Block Walls, Acrylic Latex Paint</b> <small>(09 91 23 00-0030)</small>		
09 91 23 00-0043 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls .....	0.23	
For Oil Based Paint, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.05	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.08	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.10	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.15	
For >100 To 250, Add	0.07	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.05	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0044 SF 1 Coat Filler, Brush Work, Paint Interior Concrete Block Walls.....	1.18	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.41	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.56	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.79	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 23 00-0045 SF 1 Coat Paint, Brush Work, Paint Interior Concrete Block Walls.....	1.40	
For Oil Based Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.47	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.65	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.92	
For >100 To 250, Add	0.44	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	
09 91 23 00-0046 SF 2 Coats Paint, Brush Work, Paint Interior Concrete Block Walls .....	2.53	
For Oil Based Paint, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.32	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.53	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.84	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.16	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.64	
For >100 To 250, Add	0.78	
For >250 To 500, Add	0.34	
For >2,500 To 5,000, Deduct	-0.13	
For >5,000 To 10,000, Deduct	-0.25	
For >10,000 To 20,000, Deduct	-0.38	
For >20,000, Deduct	-0.51	
09 91 23 00-0047 SF Texture Coat, Brush Work, Paint Interior Concrete Block Walls .....	1.55	
For Oil Based Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.20	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.33	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.52	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.72	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.02	
For >100 To 250, Add	0.48	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.31	
09 91 23 00-0048 SF 1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Block Walls .....	0.99	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.33	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.46	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.65	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0049	SF		1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Block Walls.....	1.18	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.24	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.38	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.53	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.75	
			For >100 To 250, Add	0.36	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.24	
09 91 23 00-0050	SF		2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls.....	2.09	
			For Oil Based Paint, Add	0.13	
			For Work >15' To 20' Above Floor, Add	0.25	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.42	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.66	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.91	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.31	
			For >100 To 250, Add	0.62	
			For >250 To 500, Add	0.27	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.21	
			For >10,000 To 20,000, Deduct	-0.31	
			For >20,000, Deduct	-0.42	
09 91 23 00-0051	SF		Texture Coat, Brush/Roller Work, Paint Interior Concrete Block Walls.....	1.31	
			For Oil Based Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.16	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.27	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.43	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.59	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.84	
			For >100 To 250, Add	0.40	
			For >250 To 500, Add	0.17	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.20	
			For >20,000, Deduct	-0.26	
09 91 23 00-0052	SF		1 Coat Filler, Sprayed, Paint Interior Concrete Block Walls.....	0.81	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.32	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.48	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	
09 91 23 00-0053	SF		1 Coat Paint, Sprayed, Paint Interior Concrete Block Walls.....	0.91	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.16	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.26	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.35	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.52	
			For >100 To 250, Add	0.25	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.18	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0054 SF 2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls.....	1.31	
For Oil Based Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.25	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.39	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.54	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.78	
For >100 To 250, Add	0.38	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.26	
09 91 23 00-0055 SF Texture Coat, Sprayed, Paint Interior Concrete Block Walls.....	1.06	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.30	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.41	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.60	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
<b>09 91 23 00-0056 Paint Interior Concrete Block Walls With Bonding Agent</b> (09 91 23 00-0030)		
09 91 23 00-0057 SF 1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Block Walls.....	1.21	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.41	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.56	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.79	
For >100 To 250, Add	0.38	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 23 00-0058 SF 1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Block Walls.....	1.02	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.33	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.46	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.65	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 23 00-0059 SF 1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Block Walls.....	0.85	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.32	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.48	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	

**09 Finishes**

**09 90 Painting and Coating**

**09 91 Painting**



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

09 91 23 00-0060	Paint Interior Plaster/Drywall Walls (09 91 23 00-0001)	
09 91 23 00-0061	Paint Interior Plaster/Drywall Walls (09 91 23 00-0060)	
09 91 23 00-0062	LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Plaster/Drywall Walls.....	0.17
	For Oil Based Paint, Add	0.01
	For Work >15' To 20' Above Floor, Add	0.02
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.04
	Note: Applied only to work area above 20' to 30'.	
	For Work >30' To 40' Above Floor, Add	0.06
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.08
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	0.12
	For >100 To 250, Add	0.05
	For >250 To 500, Add	0.02
	For >2,500 To 5,000, Deduct	-0.01
	For >5,000 To 10,000, Deduct	-0.02
	For >10,000 To 20,000, Deduct	-0.03
	For >20,000, Deduct	-0.03
09 91 23 00-0063	SF 1 Coat Primer, Brush Work, Paint Interior Plaster/Drywall Walls.....	0.97
	For Oil Based Paint, Add	0.06
	For Orange Peel Finish, Add	0.14
	For Epoxy Paint, Add	0.09
	For Work >15' To 20' Above Floor, Add	0.12
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.21
	Note: Applied only to work area above 20' to 30'.	
	For Work >30' To 40' Above Floor, Add	0.33
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.46
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	0.64
	For >100 To 250, Add	0.30
	For >250 To 500, Add	0.13
	For >2,500 To 5,000, Deduct	-0.05
	For >5,000 To 10,000, Deduct	-0.10
	For >10,000 To 20,000, Deduct	-0.15
	For >20,000, Deduct	-0.19
09 91 23 00-0064	SF 1 Coat Paint, Brush Work, Paint Interior Plaster/Drywall Walls.....	1.03
	For Oil Based Paint, Add	0.06
	For Orange Peel Finish, Add	0.15
	For Epoxy Paint, Add	0.08
	For Each Coat With Egg Shell Finish, Add	0.01
	For Work >15' To 20' Above Floor, Add	0.14
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.23
	Note: Applied only to work area above 20' to 30'.	
	For Work >30' To 40' Above Floor, Add	0.37
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.51
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	0.71
	For >100 To 250, Add	0.33
	For >250 To 500, Add	0.14
	For >2,500 To 5,000, Deduct	-0.05
	For >5,000 To 10,000, Deduct	-0.10
	For >10,000 To 20,000, Deduct	-0.15
	For >20,000, Deduct	-0.21
09 91 23 00-0065	SF 2 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls.....	1.87
	For Oil Based Paint, Add	0.10
	For Orange Peel Finish, Add	0.27
	For Epoxy Paint, Add	0.16
	For Each Coat With Egg Shell Finish, Add	0.01
	For Work >15' To 20' Above Floor, Add	0.25
	Note: Applied only to work area above 15' to 20'.	
	For Work >20' To 30' Above Floor, Add	0.41
	Note: Applied only to work area above 20' to 30'.	
	For Work >30' To 40' Above Floor, Add	0.66
	Note: Applied only to work area above 30' to 40'.	
	For Work >40' Above Floor, Add	0.91
	Note: Applied only to work area above 40'.	
	For Up To 100, Add	1.27
	For >100 To 250, Add	0.60
	For >250 To 500, Add	0.26
	For >2,500 To 5,000, Deduct	-0.09
	For >5,000 To 10,000, Deduct	-0.19
	For >10,000 To 20,000, Deduct	-0.28
	For >20,000, Deduct	-0.37



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0066 SF 3 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls.....	2.66	
For Oil Based Paint, Add	0.15	
For Orange Peel Finish, Add	0.38	
For Epoxy Paint, Add	0.23	
For Each Coat With Egg Shell Finish, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.35	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.59	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.94	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.29	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.80	
For >100 To 250, Add	0.85	
For >250 To 500, Add	0.37	
For >2,500 To 5,000, Deduct	-0.13	
For >5,000 To 10,000, Deduct	-0.27	
For >10,000 To 20,000, Deduct	-0.40	
For >20,000, Deduct	-0.53	
09 91 23 00-0067 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Plaster/Drywall Walls.....	0.76	
For Oil Based Paint, Add	0.05	
For Orange Peel Finish, Add	0.10	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.16	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.25	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.34	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.49	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 23 00-0068 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls.....	0.87	
For Oil Based Paint, Add	0.05	
For Orange Peel Finish, Add	0.12	
For Epoxy Paint, Add	0.08	
For Each Coat With Egg Shell Finish, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.30	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.41	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.58	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
09 91 23 00-0069 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls.....	1.53	
For Oil Based Paint, Add	0.09	
For Orange Peel Finish, Add	0.21	
For Epoxy Paint, Add	0.15	
For Each Coat With Egg Shell Finish, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.19	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.32	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.52	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.71	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.00	
For >100 To 250, Add	0.48	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.31	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0070	SF		1 Coat Primer, Sprayed, Paint Interior Plaster/Drywall Walls.....	0.55	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Epoxy Paint, Add</i>	0.08	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.06	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.10	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.16	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.32	
			<i>For &gt;100 To 250, Add</i>	0.15	
			<i>For &gt;250 To 500, Add</i>	0.07	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.08	
			<i>For &gt;20,000, Deduct</i>	-0.11	
09 91 23 00-0071	SF		1 Coat Paint, Sprayed, Paint Interior Plaster/Drywall Walls.....	0.66	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Epoxy Paint, Add</i>	0.08	
			<i>For Each Coat With Egg Shell Finish, Add</i>	0.01	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.41	
			<i>For &gt;100 To 250, Add</i>	0.20	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.10	
			<i>For &gt;20,000, Deduct</i>	-0.13	
09 91 23 00-0072	SF		2 Coats Paint, Sprayed, Paint Interior Plaster/Drywall Walls.....	1.05	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Epoxy Paint, Add</i>	0.13	
			<i>For Each Coat With Egg Shell Finish, Add</i>	0.01	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.31	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.43	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.63	
			<i>For &gt;100 To 250, Add</i>	0.30	
			<i>For &gt;250 To 500, Add</i>	0.13	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.16	
			<i>For &gt;20,000, Deduct</i>	-0.21	
09 91 23 00-0073			<b>Paint Interior Plaster/Drywall Or Masonry Walls With Polymix Multi-Color</b>		
			<b>Paint</b> <small>(09 91 23 00-0060)</small>		
09 91 23 00-0074	SF		2 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls.....	1.73	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.37	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.51	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.81	
			<i>For &gt;100 To 250, Add</i>	0.40	
			<i>For &gt;250 To 500, Add</i>	0.18	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.09	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.17	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.26	
			<i>For &gt;20,000, Deduct</i>	-0.35	





<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0075 SF 3 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls .....	1.86	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.83	
For >100 To 250, Add	0.42	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.19	
For >10,000 To 20,000, Deduct	-0.28	
For >20,000, Deduct	-0.37	
09 91 23 00-0076 SF 4 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls .....	2.00	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.85	
For >100 To 250, Add	0.43	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.20	
For >10,000 To 20,000, Deduct	-0.30	
For >20,000, Deduct	-0.40	
<b>09 91 23 00-0077 Paint Interior Plaster/Drywall Walls, Acoustic Texture (09 91 23 00-0060)</b>		
09 91 23 00-0078 SF 1 Coat Primer, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls .....	0.74	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.21	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.29	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.42	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 23 00-0079 SF 1 Coat Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls .....	0.88	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.26	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.36	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.53	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.18	
09 91 23 00-0080 SF 2 Coats Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls .....	1.34	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.50	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.75	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.27	

<b>09</b>	<b>Finishes</b>
<b>09 90</b>	<b>Painting and Coating</b>
<b>09 91</b>	<b>Painting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0081	SF		Stipple Finish (Drippowder), Paint Interior Plaster/Drywall Walls.....	1.56	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.37	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.59	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.81	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.12	
			<i>For &gt;100 To 250, Add</i>	0.52	
			<i>For &gt;250 To 500, Add</i>	0.23	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.16	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.23	
			<i>For &gt;20,000, Deduct</i>	-0.31	
09 91 23 00-0082			<b>Paint Interior Metal Walls</b> (09 91 23 00-0001)		
09 91 23 00-0083			<b>Paint Interior Galvanized Walls</b> (09 91 23 00-0082)		
			<i>Note: Linseed oil or acrylic latex paint.</i>		
09 91 23 00-0084	SF		1 Coat Primer, Brush Work, Paint Interior Galvanized Wall Surfaces.....	1.14	
			<i>For Electrostatic Painting, Add</i>	0.15	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.37	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.51	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.72	
			<i>For &gt;100 To 250, Add</i>	0.34	
			<i>For &gt;250 To 500, Add</i>	0.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.17	
			<i>For &gt;20,000, Deduct</i>	-0.23	
09 91 23 00-0085	SF		1 Coat Paint, Brush Work, Paint Interior Galvanized Wall Surfaces.....	1.26	
			<i>For Electrostatic Painting, Add</i>	0.16	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.16	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.42	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.57	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.81	
			<i>For &gt;100 To 250, Add</i>	0.39	
			<i>For &gt;250 To 500, Add</i>	0.17	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.19	
			<i>For &gt;20,000, Deduct</i>	-0.25	
09 91 23 00-0086	SF		2 Coats Paint, Brush Work, Paint Interior Galvanized Wall Surfaces.....	2.29	
			<i>For Electrostatic Painting, Add</i>	0.30	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.27	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.46	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.73	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	1.01	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.44	
			<i>For &gt;100 To 250, Add</i>	0.69	
			<i>For &gt;250 To 500, Add</i>	0.30	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.11	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.23	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.34	
			<i>For &gt;20,000, Deduct</i>	-0.46	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0087 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Walls.....	0.85	
For Electrostatic Painting, Add	0.11	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.26	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.36	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.52	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
09 91 23 00-0088 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Wall.....	0.99	
For Electrostatic Painting, Add	0.13	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.62	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 23 00-0089 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Walls .....	1.83	
For Electrostatic Painting, Add	0.24	
For Work >15' To 20' Above Floor, Add	0.22	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.36	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.58	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.79	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.14	
For >100 To 250, Add	0.54	
For >250 To 500, Add	0.24	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.27	
For >20,000, Deduct	-0.37	
09 91 23 00-0090 SF 1 Coat Primer, Sprayed, Paint Interior Galvanized Walls .....	0.63	
For Electrostatic Painting, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.06	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.09	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.15	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.20	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.32	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.13	
09 91 23 00-0091 SF 1 Coat Paint, Sprayed, Paint Interior Galvanized Walls.....	0.85	
For Electrostatic Painting, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.32	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.48	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0092	SF		2 Coats Paint, Sprayed, Paint Interior Galvanized Walls .....	1.38	
			For Electrostatic Painting, Add	0.22	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.22	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.34	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.47	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.72	
			For >100 To 250, Add	0.35	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.21	
			For >20,000, Deduct	-0.28	
09 91 23 00-0093			Paint Interior Aluminum And Aluminum Alloy Walls (09 91 23 00-0092)		
			Note: Alkyd enamel paint.		
09 91 23 00-0094	SF		1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces .....	1.14	
			For Electrostatic Painting, Add	0.15	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.23	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.37	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.51	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.72	
			For >100 To 250, Add	0.34	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.23	
09 91 23 00-0095	SF		1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces .....	1.26	
			For Electrostatic Painting, Add	0.16	
			For Work >15' To 20' Above Floor, Add	0.16	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.26	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.42	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.57	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.81	
			For >100 To 250, Add	0.39	
			For >250 To 500, Add	0.17	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.19	
			For >20,000, Deduct	-0.25	
09 91 23 00-0096	SF		2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces.....	2.28	
			For Electrostatic Painting, Add	0.30	
			For Work >15' To 20' Above Floor, Add	0.27	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.46	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.73	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.01	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.44	
			For >100 To 250, Add	0.69	
			For >250 To 500, Add	0.30	
			For >2,500 To 5,000, Deduct	-0.11	
			For >5,000 To 10,000, Deduct	-0.23	
			For >10,000 To 20,000, Deduct	-0.34	
			For >20,000, Deduct	-0.46	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0097 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls.....	0.92	
For Electrostatic Painting, Add	0.13	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.26	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.36	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.53	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	
09 91 23 00-0098 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls.....	1.05	
For Electrostatic Painting, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.63	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
09 91 23 00-0099 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls.....	1.96	
For Electrostatic Painting, Add	0.27	
For Work >15' To 20' Above Floor, Add	0.22	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.36	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.58	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.79	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.16	
For >100 To 250, Add	0.56	
For >250 To 500, Add	0.24	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.20	
For >10,000 To 20,000, Deduct	-0.29	
For >20,000, Deduct	-0.39	
09 91 23 00-0100 SF 1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls.....	0.70	
For Electrostatic Painting, Add	0.11	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.11	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.18	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.24	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.37	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	
09 91 23 00-0101 SF 1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls.....	0.85	
For Electrostatic Painting, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.32	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.48	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	

<b>09</b>	<b>09</b>	<b>Finishes</b>
	<b>09 90</b>	<b>Painting and Coating</b>
	<b>09 91</b>	<b>Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0102 SF 2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls .....	1.38	
For Electrostatic Painting, Add	0.22	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.34	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.47	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.72	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	
<b>09 91 23 00-0103 Paint Interior Corrugated Metal Walls (09 91 23 00-0082)</b>		
09 91 23 00-0104 SF 1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Walls .....	0.78	
For Electrostatic Painting, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.19	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.26	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.41	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 23 00-0105 SF 1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Walls .....	1.07	
For Electrostatic Painting, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.42	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.62	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
09 91 23 00-0106 SF 2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Walls .....	1.76	
For Electrostatic Painting, Add	0.27	
For Work >15' To 20' Above Floor, Add	0.17	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.29	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.46	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.64	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.96	
For >100 To 250, Add	0.47	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.35	
<b>09 91 23 00-0107 Paint Interior Stucco Walls (09 91 23 00-0001)</b>		



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0108 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Stucco Wall Surfaces.....	0.29	
For Oil Based Paint, Add	0.02	
For Work >15' To 20' Above Floor, Add	0.04	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.07	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.10	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.14	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.20	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.04	
For >20,000, Deduct	-0.06	
09 91 23 00-0109 SF 1 Coat Primer, Brush Work, Paint Interior Stucco Wall Surfaces.....	1.60	
For Oil Based Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.22	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.36	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.58	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.79	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.10	
For >100 To 250, Add	0.52	
For >250 To 500, Add	0.22	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000 To 20,000, Deduct	-0.24	
For >20,000, Deduct	-0.32	
09 91 23 00-0110 SF 1 Coat Paint, Brush Work, Paint Interior Stucco Wall Surfaces.....	1.76	
For Oil Based Paint, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.24	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.39	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.63	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.86	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.21	
For >100 To 250, Add	0.57	
For >250 To 500, Add	0.25	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.35	
09 91 23 00-0111 SF 2 Coats Paint, Brush Work, Paint Interior Stucco Wall Surfaces.....	3.10	
For Oil Based Paint, Add	0.17	
For Work >15' To 20' Above Floor, Add	0.41	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.68	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	1.09	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.50	
Note: Applied only to work area above 40'.		
For Up To 100, Add	2.10	
For >100 To 250, Add	0.99	
For >250 To 500, Add	0.43	
For >2,500 To 5,000, Deduct	-0.16	
For >5,000 To 10,000, Deduct	-0.31	
For >10,000 To 20,000, Deduct	-0.47	
For >20,000, Deduct	-0.62	
09 91 23 00-0112 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Stucco Wall Surfaces.....	1.20	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.42	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.57	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.80	
For >100 To 250, Add	0.38	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0113	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces.....	1.36	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.47	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.64	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.91	
			<i>For &gt;100 To 250, Add</i>	0.43	
			<i>For &gt;250 To 500, Add</i>	0.19	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.20	
			<i>For &gt;20,000, Deduct</i>	-0.27	
09 91 23 00-0114	SF	2	Coats Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces.....	2.49	
			<i>For Oil Based Paint, Add</i>	0.14	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.32	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.53	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.84	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	1.16	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.64	
			<i>For &gt;100 To 250, Add</i>	0.78	
			<i>For &gt;250 To 500, Add</i>	0.34	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.12	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.25	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.37	
			<i>For &gt;20,000, Deduct</i>	-0.50	
09 91 23 00-0115	SF	1	Coat Primer, Sprayed, Paint Interior Stucco Wall Surfaces .....	0.80	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.34	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.49	
			<i>For &gt;100 To 250, Add</i>	0.23	
			<i>For &gt;250 To 500, Add</i>	0.10	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.12	
			<i>For &gt;20,000, Deduct</i>	-0.16	
09 91 23 00-0116	SF	1	Coat Paint, Sprayed, Paint Interior Stucco Wall Surfaces.....	0.98	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.19	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.30	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.41	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.59	
			<i>For &gt;100 To 250, Add</i>	0.28	
			<i>For &gt;250 To 500, Add</i>	0.12	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.15	
			<i>For &gt;20,000, Deduct</i>	-0.20	
09 91 23 00-0117	SF	2	Coats Paint, Sprayed, Paint Interior Stucco Wall Surfaces.....	1.89	
			<i>For Oil Based Paint, Add</i>	0.12	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.37	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.58	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.80	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.16	
			<i>For &gt;100 To 250, Add</i>	0.55	
			<i>For &gt;250 To 500, Add</i>	0.24	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.09	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.19	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.28	
			<i>For &gt;20,000, Deduct</i>	-0.38	





<b>Finishes</b>	<b>09</b>	
Painting and Coating	09 90	9
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0118 Paint Interior Wood Walls (09 91 23 00-0001)		
09 91 23 00-0119 Interior Wood Walls (09 91 23 00-0118)		
09 91 23 00-0120 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Wall Surfaces.....	0.20	
For Oil Based Paint, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.05	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.07	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.10	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.14	
For >100 To 250, Add	0.07	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.04	
09 91 23 00-0121 SF 1 Coat Paint, Brush Work, Paint Interior Wood Wall Surfaces.....	1.20	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.27	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.42	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.58	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.82	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 23 00-0122 SF 2 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces.....	2.18	
For Oil Based Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.29	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.48	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.76	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.05	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.47	
For >100 To 250, Add	0.70	
For >250 To 500, Add	0.30	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.22	
For >10,000 To 20,000, Deduct	-0.33	
For >20,000, Deduct	-0.44	
09 91 23 00-0123 SF 3 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces.....	3.10	
For Oil Based Paint, Add	0.18	
For Work >15' To 20' Above Floor, Add	0.41	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.68	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	1.08	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.49	
Note: Applied only to work area above 40'.		
For Up To 100, Add	2.09	
For >100 To 250, Add	0.99	
For >250 To 500, Add	0.43	
For >2,500 To 5,000, Deduct	-0.16	
For >5,000 To 10,000, Deduct	-0.31	
For >10,000 To 20,000, Deduct	-0.47	
For >20,000, Deduct	-0.62	

<b>09</b>	<b>Finishes</b>
<b>09 90</b>	<b>Painting and Coating</b>
<b>09 91</b>	<b>Painting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0124	SF	1	Coat Primer, Brush/Roller Work, Paint Interior Wood Walls .....	0.84	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.39	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.55	
			<i>For &gt;100 To 250, Add</i>	0.26	
			<i>For &gt;250 To 500, Add</i>	0.11	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.13	
			<i>For &gt;20,000, Deduct</i>	-0.17	
09 91 23 00-0125	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Wood Walls.....	0.96	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.33	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.45	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.64	
			<i>For &gt;100 To 250, Add</i>	0.30	
			<i>For &gt;250 To 500, Add</i>	0.13	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.14	
			<i>For &gt;20,000, Deduct</i>	-0.19	
09 91 23 00-0126	SF	2	Coats Paint, Brush/Roller Work, Paint Interior Wood Walls .....	1.69	
			<i>For Oil Based Paint, Add</i>	0.10	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.36	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.57	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.78	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.11	
			<i>For &gt;100 To 250, Add</i>	0.52	
			<i>For &gt;250 To 500, Add</i>	0.23	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.17	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.25	
			<i>For &gt;20,000, Deduct</i>	-0.34	
09 91 23 00-0127	SF	1	Coat Primer, Sprayed, Paint Interior Wood Walls .....	0.55	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.06	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.10	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.16	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.32	
			<i>For &gt;100 To 250, Add</i>	0.15	
			<i>For &gt;250 To 500, Add</i>	0.07	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.08	
			<i>For &gt;20,000, Deduct</i>	-0.11	
09 91 23 00-0128	SF	1	Coat Paint, Sprayed, Paint Interior Wood Walls.....	0.72	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.43	
			<i>For &gt;100 To 250, Add</i>	0.20	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.11	
			<i>For &gt;20,000, Deduct</i>	-0.14	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0129 SF 2 Coats Paint, Sprayed, Paint Interior Wood Walls.....	1.30	
For Oil Based Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.75	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.26	
<b>09 91 23 00-0130 Paint Interior Ceilings (09 91 23)</b>		
<b>09 91 23 00-0131 Paint Interior Acoustical Ceilings (09 91 23 00-0130)</b>		
Note: Includes grid.		
09 91 23 00-0132 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Acoustical Ceiling .....	0.30	
For Oil Based Paint, Add	0.02	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.05	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.08	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.10	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.16	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.06	
09 91 23 00-0133 SF 1 Coat Primer, Brush Work, Paint Interior Acoustical Ceiling.....	1.06	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.71	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
09 91 23 00-0134 SF 1 Coat Paint, Brush Work, Paint Interior Acoustical Ceiling.....	1.16	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.42	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.58	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.80	
For >100 To 250, Add	0.38	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0135	SF		2 Coats Paint, Brush Work, Paint Interior Acoustical Ceiling .....	2.05	
			For Oil Based Paint, Add	0.11	
			For Work >15' To 20' Above Floor, Add	0.27	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.46	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.73	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.01	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.41	
			For >100 To 250, Add	0.66	
			For >250 To 500, Add	0.29	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.21	
			For >10,000 To 20,000, Deduct	-0.31	
			For >20,000, Deduct	-0.41	
09 91 23 00-0136	SF		1 Coat Primer, Brush/Roller Work, Paint Interior Acoustical Ceiling .....	0.91	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.19	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.31	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.42	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.60	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.18	
09 91 23 00-0137	SF		1 Coat Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling.....	0.89	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.31	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.43	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.60	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.18	
09 91 23 00-0138	SF		2 Coats Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling.....	1.66	
			For Oil Based Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.22	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.36	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.58	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.79	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.11	
			For >100 To 250, Add	0.53	
			For >250 To 500, Add	0.23	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.17	
			For >10,000 To 20,000, Deduct	-0.25	
			For >20,000, Deduct	-0.33	
09 91 23 00-0139	SF		1 Coat Primer, Sprayed, Paint Interior Acoustical Ceiling.....	0.73	
			For Oil Based Paint, Add	0.04	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.14	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.23	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.31	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.45	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.09	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.15	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0140 SF 1 Coat Paint, Sprayed, Paint Interior Acoustical Ceiling .....	0.73	
For Oil Based Paint, Add	0.04	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.32	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.46	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 23 00-0141 SF 2 Coats Paint, Sprayed, Paint Interior Acoustical Ceiling .....	1.14	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.35	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.48	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.69	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
<b>09 91 23 00-0142 Paint Interior Concrete Ceilings (09 91 23 00-0130)</b>		
09 91 23 00-0143 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Ceiling .....	0.19	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.04	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.07	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.09	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.13	
For >100 To 250, Add	0.06	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.04	
09 91 23 00-0144 SF 1 Coat Filler, Brush Work, Paint Interior Concrete Ceiling .....	1.05	
For Oil Based Paint, Add	0.06	
For Epoxy Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.50	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.70	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	

<b>09</b>	<b>Finishes</b>
<b>09 90</b>	<b>Painting and Coating</b>
<b>09 91</b>	<b>Painting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0145	SF		1 Coat Paint, Brush Work, Paint Interior Concrete Ceiling.....	1.15	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Epoxy Paint, Add</i>	0.09	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.16	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.42	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.57	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.80	
			<i>For &gt;100 To 250, Add</i>	0.38	
			<i>For &gt;250 To 500, Add</i>	0.16	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.12	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.17	
			<i>For &gt;20,000, Deduct</i>	-0.23	
09 91 23 00-0146	SF		2 Coats Paint, Brush Work, Paint Interior Concrete Ceiling.....	2.05	
			<i>For Oil Based Paint, Add</i>	0.11	
			<i>For Epoxy Paint, Add</i>	0.17	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.27	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.46	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.73	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	1.01	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.41	
			<i>For &gt;100 To 250, Add</i>	0.66	
			<i>For &gt;250 To 500, Add</i>	0.29	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.10	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.21	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.31	
			<i>For &gt;20,000, Deduct</i>	-0.41	
09 91 23 00-0147	SF		1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Ceiling.....	0.80	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Epoxy Paint, Add</i>	0.08	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.10	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.36	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.52	
			<i>For &gt;100 To 250, Add</i>	0.25	
			<i>For &gt;250 To 500, Add</i>	0.11	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.12	
			<i>For &gt;20,000, Deduct</i>	-0.16	
09 91 23 00-0148	SF		1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Ceiling.....	0.90	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Epoxy Paint, Add</i>	0.08	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.32	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.43	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.61	
			<i>For &gt;100 To 250, Add</i>	0.29	
			<i>For &gt;250 To 500, Add</i>	0.12	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.14	
			<i>For &gt;20,000, Deduct</i>	-0.18	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0149 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Ceiling.....	1.67	
For Oil Based Paint, Add	0.09	
For Epoxy Paint, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.22	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.36	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.58	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.80	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.12	
For >100 To 250, Add	0.53	
For >250 To 500, Add	0.23	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.25	
For >20,000, Deduct	-0.33	
09 91 23 00-0150 SF 1 Coat Filler, Sprayed, Paint Interior Concrete Ceiling .....	0.69	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.21	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.29	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.42	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	
09 91 23 00-0151 SF 1 Coat Paint, Sprayed, Paint Interior Concrete Ceiling .....	0.73	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.32	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.46	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 23 00-0152 SF 2 Coats Paint, Sprayed, Paint Interior Concrete Ceiling .....	1.13	
For Oil Based Paint, Add	0.07	
For Epoxy Paint, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.34	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.47	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.69	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 23 00-0153 SF 1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Ceiling .....	1.07	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.50	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.71	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0154	SF		1 Coat Bonding Agent, Brush/Roller, Paint Interior Concrete Ceiling.....	0.82	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.10	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.36	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.52	
			<i>For &gt;100 To 250, Add</i>	0.25	
			<i>For &gt;250 To 500, Add</i>	0.11	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.12	
			<i>For &gt;20,000, Deduct</i>	-0.16	
09 91 23 00-0155	SF		1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Ceiling.....	0.72	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.43	
			<i>For &gt;100 To 250, Add</i>	0.20	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.11	
			<i>For &gt;20,000, Deduct</i>	-0.14	
09 91 23 00-0156			<b>Paint Interior Drywall/Plaster Ceilings</b> (09 91 23 00-0130)		
09 91 23 00-0157	LF		1 Coat Paint, Cut-in Brush Work, Paint Interior Drywall/Plaster Ceiling.....	0.19	
			<i>For Epoxy Paint, Add</i>	0.02	
			<i>For Oil Based Paint, Add</i>	0.01	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.03	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.04	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.07	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.13	
			<i>For &gt;100 To 250, Add</i>	0.06	
			<i>For &gt;250 To 500, Add</i>	0.03	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.01	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.02	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.03	
			<i>For &gt;20,000, Deduct</i>	-0.04	
09 91 23 00-0158	SF		1 Coat Primer, Brush Work, Pain Interior Drywall/Plaster Ceiling.....	1.06	
			<i>For Epoxy Paint, Add</i>	0.10	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Orange Peel Finish, Add</i>	0.15	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.37	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.51	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.71	
			<i>For &gt;100 To 250, Add</i>	0.34	
			<i>For &gt;250 To 500, Add</i>	0.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.16	
			<i>For &gt;20,000, Deduct</i>	-0.21	





<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0159 SF 1 Coat Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling .....	1.16	
For Epoxy Paint, Add	0.09	
For Oil Based Paint, Add	0.06	
For Orange Peel Finish, Add	0.17	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.42	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.58	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.80	
For >100 To 250, Add	0.38	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 23 00-0160 SF 2 Coats Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling.....	2.05	
For Epoxy Paint, Add	0.17	
For Oil Based Paint, Add	0.11	
For Orange Peel Finish, Add	0.29	
For Work >15' To 20' Above Floor, Add	0.27	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.46	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.73	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.01	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.41	
For >100 To 250, Add	0.66	
For >250 To 500, Add	0.29	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.21	
For >10,000 To 20,000, Deduct	-0.31	
For >20,000, Deduct	-0.41	
09 91 23 00-0161 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling.....	0.91	
For Epoxy Paint, Add	0.09	
For Oil Based Paint, Add	0.05	
For Orange Peel Finish, Add	0.13	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.42	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.60	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	
09 91 23 00-0162 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling .....	0.89	
For Epoxy Paint, Add	0.08	
For Oil Based Paint, Add	0.05	
For Orange Peel Finish, Add	0.13	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.60	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.18	

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0163	SF		2 Coats Paints, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling.....	1.66	
			For Epoxy Paint, Add	0.15	
			For Oil Based Paint, Add	0.09	
			For Orange Peel Finish, Add	0.23	
			For Work >15' To 20' Above Floor, Add	0.22	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.36	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.58	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.79	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.11	
			For >100 To 250, Add	0.53	
			For >250 To 500, Add	0.23	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.17	
			For >10,000 To 20,000, Deduct	-0.25	
			For >20,000, Deduct	-0.33	
09 91 23 00-0164	SF		1 Coat Primer, Sprayed, Paint Interior Drywall/Plaster Ceiling .....	0.73	
			For Epoxy Paint, Add	0.08	
			For Oil Based Paint, Add	0.04	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.14	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.23	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.31	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.45	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.09	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.15	
09 91 23 00-0165	SF		1 Coat Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling .....	0.73	
			For Epoxy Paint, Add	0.08	
			For Oil Based Paint, Add	0.04	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.32	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.46	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.15	
09 91 23 00-0166	SF		2 Coats Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling .....	1.14	
			For Epoxy Paint, Add	0.14	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.22	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.35	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.48	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.69	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.23	
09 91 23 00-0167			Paint Interior Metal Ceilings (09 91 23 00-0130)		
09 91 23 00-0168			Galvanized Surfaces, Galvanized Primer (09 91 23 00-0167)		
			Note: Linseed oil or acrylic latex paint.		



	<b>Finishes</b>	<b>09</b>
	Painting and Coating	09 90
	Painting	09 91

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0169 SF 1 Coat Primer, Brush Work, Paint Interior Galvanized Ceiling.....	1.26	
For Electrostatic Painting, Add	0.16	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.42	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.57	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.81	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.25	
09 91 23 00-0170 SF 1 Coat Paint, Brush Work, Paint Interior Galvanized Ceiling.....	1.40	
For Electrostatic Painting, Add	0.17	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.47	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.65	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.92	
For >100 To 250, Add	0.44	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	
09 91 23 00-0171 SF 2 Coats Paint, Brush Work, Paint Interior Galvanized Ceiling.....	2.55	
For Electrostatic Painting, Add	0.32	
For Work >15' To 20' Above Floor, Add	0.32	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.53	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.84	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.16	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.64	
For >100 To 250, Add	0.78	
For >250 To 500, Add	0.34	
For >2,500 To 5,000, Deduct	-0.13	
For >5,000 To 10,000, Deduct	-0.26	
For >10,000 To 20,000, Deduct	-0.38	
For >20,000, Deduct	-0.51	
09 91 23 00-0172 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Ceiling.....	0.98	
For Electrostatic Painting, Add	0.13	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.62	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 23 00-0173 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling.....	1.11	
For Electrostatic Painting, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.72	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.22	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0174	SF		2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling .....	2.02	
			For Electrostatic Painting, Add	0.26	
			For Work >15' To 20' Above Floor, Add	0.25	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.41	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.66	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.91	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.29	
			For >100 To 250, Add	0.61	
			For >250 To 500, Add	0.27	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.20	
			For >10,000 To 20,000, Deduct	-0.30	
			For >20,000, Deduct	-0.40	
09 91 23 00-0175	SF		1 Coat Primer, Sprayed, Paint Interior Galvanized Ceiling .....	0.85	
			For Electrostatic Painting, Add	0.12	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.32	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.48	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.17	
09 91 23 00-0176	SF		1 Coat Paint, Sprayed, Paint Interior Galvanized Ceiling.....	0.98	
			For Electrostatic Painting, Add	0.14	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.18	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.29	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.40	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.58	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.20	
09 91 23 00-0177	SF		2 Coats Paint, Sprayed, Paint Interior Galvanized Ceiling.....	1.53	
			For Electrostatic Painting, Add	0.23	
			For Work >15' To 20' Above Floor, Add	0.15	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.25	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.40	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.56	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.84	
			For >100 To 250, Add	0.41	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.15	
			For >10,000 To 20,000, Deduct	-0.23	
			For >20,000, Deduct	-0.31	

09 91 23 00-0178 Aluminum And Aluminum Alloy Surface Pretreatment Primer (09 91 23 00-0187)  
 Note: Alkyd enamel paint.



	<b>Finishes</b>	<b>09</b>
	Painting and Coating	09 90
	Painting	09 91

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0179 SF 1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	1.26	
For Electrostatic Painting, Add	0.16	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.42	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.57	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.81	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.25	
09 91 23 00-0180 SF 1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling .....	1.40	
For Electrostatic Painting, Add	0.17	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.47	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.65	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.92	
For >100 To 250, Add	0.44	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	
09 91 23 00-0181 SF 2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	2.55	
For Electrostatic Painting, Add	0.32	
For Work >15' To 20' Above Floor, Add	0.32	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.53	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.84	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.16	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.64	
For >100 To 250, Add	0.78	
For >250 To 500, Add	0.34	
For >2,500 To 5,000, Deduct	-0.13	
For >5,000 To 10,000, Deduct	-0.26	
For >10,000 To 20,000, Deduct	-0.38	
For >20,000, Deduct	-0.51	
09 91 23 00-0182 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	1.05	
For Electrostatic Painting, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.63	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
09 91 23 00-0183 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling .....	1.18	
For Electrostatic Painting, Add	0.16	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.73	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0184	SF		2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling .....	2.21	
			<i>For Electrostatic Painting, Add</i>	0.30	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.25	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.42	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.68	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.93	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.35	
			<i>For &gt;100 To 250, Add</i>	0.64	
			<i>For &gt;250 To 500, Add</i>	0.28	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.11	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.22	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.33	
			<i>For &gt;20,000, Deduct</i>	-0.44	
09 91 23 00-0185	SF		1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling .....	0.85	
			<i>For Electrostatic Painting, Add</i>	0.12	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.32	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.48	
			<i>For &gt;100 To 250, Add</i>	0.23	
			<i>For &gt;250 To 500, Add</i>	0.10	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.13	
			<i>For &gt;20,000, Deduct</i>	-0.17	
09 91 23 00-0186	SF		1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	0.98	
			<i>For Electrostatic Painting, Add</i>	0.14	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.40	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.58	
			<i>For &gt;100 To 250, Add</i>	0.28	
			<i>For &gt;250 To 500, Add</i>	0.12	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.15	
			<i>For &gt;20,000, Deduct</i>	-0.20	
09 91 23 00-0187	SF		2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	1.53	
			<i>For Electrostatic Painting, Add</i>	0.23	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.25	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.40	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.56	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.84	
			<i>For &gt;100 To 250, Add</i>	0.41	
			<i>For &gt;250 To 500, Add</i>	0.18	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.15	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.23	
			<i>For &gt;20,000, Deduct</i>	-0.31	

09 91 23 00-0188 Paint Interior Ceiling Tile Grid (09 91 23 00-0167)

Note: Grid only.



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0189 LF 1 Coat Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid .....	0.27	
For Electrostatic Painting, Add	0.03	
For Work >15' To 20' Above Floor, Add	0.04	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.06	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.10	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.13	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.18	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.04	
For >20,000, Deduct	-0.05	
09 91 23 00-0190 LF 2 Coats Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid.....	0.55	
For Electrostatic Painting, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.20	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.27	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.38	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
<b>09 91 23 00-0191 Paint Interior Corrugated Metal Ceilings (09 91 23 00-0167)</b>		
09 91 23 00-0192 SF 1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Ceiling.....	1.11	
For Electrostatic Painting, Add	0.16	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.42	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.63	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.22	
09 91 23 00-0193 SF 1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Ceiling.....	1.31	
For Electrostatic Painting, Add	0.18	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.24	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.39	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.53	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.78	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.26	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0194	SF		2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Ceiling .....	2.05	
			<i>For Electrostatic Painting, Add</i>	0.31	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.34	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.54	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.75	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.12	
			<i>For &gt;100 To 250, Add</i>	0.55	
			<i>For &gt;250 To 500, Add</i>	0.24	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.10	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.21	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.31	
			<i>For &gt;20,000, Deduct</i>	-0.41	
09 91 23 00-0195			Paint Interior Wood Ceilings <small>(09 91 23 00-0130)</small>		
09 91 23 00-0196			Paint Interior Smooth Wood Ceilings <small>(09 91 23 00-0195)</small>		
09 91 23 00-0197	LF		1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Smooth Ceiling .....	0.22	
			<i>For Oil Based Paint, Add</i>	0.01	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.03	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.05	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.10	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.15	
			<i>For &gt;100 To 250, Add</i>	0.07	
			<i>For &gt;250 To 500, Add</i>	0.03	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.01	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.02	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.03	
			<i>For &gt;20,000, Deduct</i>	-0.04	
09 91 23 00-0198	SF		1 Coat Primer, Brush Work, Paint Interior Wood Smooth Ceiling .....	1.28	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.16	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.27	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.44	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.60	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.85	
			<i>For &gt;100 To 250, Add</i>	0.40	
			<i>For &gt;250 To 500, Add</i>	0.17	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.19	
			<i>For &gt;20,000, Deduct</i>	-0.26	
09 91 23 00-0199	SF		1 Coat Paint, Brush Work, Paint Interior Wood Smooth Ceiling.....	1.34	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.30	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.47	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.65	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.91	
			<i>For &gt;100 To 250, Add</i>	0.43	
			<i>For &gt;250 To 500, Add</i>	0.19	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.20	
			<i>For &gt;20,000, Deduct</i>	-0.27	





<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0200 SF 2 Coats Paint, Brush Work, Paint Interior Wood Smooth Ceiling.....	2.42	
For Oil Based Paint, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.32	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.53	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.84	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.16	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.62	
For >100 To 250, Add	0.77	
For >250 To 500, Add	0.33	
For >2,500 To 5,000, Deduct	-0.12	
For >5,000 To 10,000, Deduct	-0.24	
For >10,000 To 20,000, Deduct	-0.36	
For >20,000, Deduct	-0.48	
09 91 23 00-0201 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Smooth Wood Ceiling.....	1.01	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.63	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 23 00-0202 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling .....	1.11	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.72	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.22	
09 91 23 00-0203 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling .....	2.07	
For Oil Based Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.25	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.42	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.68	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.93	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.32	
For >100 To 250, Add	0.63	
For >250 To 500, Add	0.27	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.21	
For >10,000 To 20,000, Deduct	-0.31	
For >20,000, Deduct	-0.41	
09 91 23 00-0204 SF 1 Coat Primer, Sprayed, Paint Interior Smooth Wood Ceiling.....	0.75	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.32	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.47	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	

09	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0205 SF 1 Coat Paint, Sprayed, Paint Interior Smooth Wood Ceiling .....	0.90	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.30	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.41	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.58	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	
09 91 23 00-0206 SF 2 Coats Paint, Sprayed, Paint Interior Smooth Wood Ceiling .....	1.33	
For Oil Based Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.25	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.40	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.56	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.81	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.27	
<b>09 91 23 00-0207 Paint Interior Wood Beams (09 91 23 00-0130) .....</b>	<b>1.42</b>	
09 91 23 00-0208 SF 1 Coat Primer, Brush Work, Paint Interior Wood Beams .....	1.42	
For Oil Based Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.31	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.49	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.68	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.95	
For >100 To 250, Add	0.45	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	
09 91 23 00-0209 SF 1 Coat Paint, Brush Work, Paint Interior Wood Beams .....	1.46	
For Oil Based Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.20	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.33	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.52	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.72	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.00	
For >100 To 250, Add	0.47	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.22	
For >20,000, Deduct	-0.29	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0210 SF 2 Coats Paint, Brush Work, Paint Interior Wood Beams .....	2.65	
For Oil Based Paint, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.35	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.58	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.93	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.28	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.80	
For >100 To 250, Add	0.85	
For >250 To 500, Add	0.37	
For >2,500 To 5,000, Deduct	-0.13	
For >5,000 To 10,000, Deduct	-0.27	
For >10,000 To 20,000, Deduct	-0.40	
For >20,000, Deduct	-0.53	
09 91 23 00-0211 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Beams .....	1.12	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.50	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.71	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.22	
09 91 23 00-0212 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Beams .....	1.11	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.72	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.22	
09 91 23 00-0213 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Beams .....	2.07	
For Oil Based Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.25	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.42	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.68	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.93	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.32	
For >100 To 250, Add	0.63	
For >250 To 500, Add	0.27	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.21	
For >10,000 To 20,000, Deduct	-0.31	
For >20,000, Deduct	-0.41	
09 91 23 00-0214 SF 1 Coat Primer, Sprayed, Paint Interior Wood Beams .....	0.90	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.30	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.41	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.58	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	

09	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0215 SF 1 Coat Paint, Sprayed, Paint Interior Wood Beams .....	0.88	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.29	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.40	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.56	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.18	
09 91 23 00-0216 SF 2 Coats Paint, Sprayed, Paint Interior Wood Beams .....	1.46	
For Oil Based Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.17	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.29	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.46	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.63	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.90	
For >100 To 250, Add	0.43	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.22	
For >20,000, Deduct	-0.29	
<b>09 91 23 00-0217 Paint Interior Floors And Decks (09 91 23)</b>		
<b>09 91 23 00-0218 Paint Interior Concrete Floors And Decks (09 91 23 00-0217)</b>		
09 91 23 00-0219 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Floors And Decks .....	0.15	
For Up To 100, Add	0.10	
For >100 To 250, Add	0.05	
For >250 To 500, Add	0.02	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.02	
For >20,000, Deduct	-0.03	
09 91 23 00-0220 SF 1 Coat Primer, Brush Work, Paint Interior Concrete Floors And Decks .....	0.80	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.08	
For Up To 100, Add	0.52	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 23 00-0221 SF 1 Coat Paint, Brush Work, Paint Interior Concrete Floors And Decks.....	0.89	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.08	
For Up To 100, Add	0.60	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.18	
09 91 23 00-0222 SF 2 Coats Paint, Brush Work, Paint Interior Concrete Floors And Decks.....	1.76	
For Oil Based Paint, Add	0.10	
For Epoxy Paint, Add	0.15	
For Up To 100, Add	1.19	
For >100 To 250, Add	0.56	
For >250 To 500, Add	0.24	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.35	
09 91 23 00-0223 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Floors And Decks.....	0.78	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.08	
For Up To 100, Add	0.50	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0224 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks .....	0.77	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.07	
For Up To 100, Add	0.51	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.15	
09 91 23 00-0225 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks .....	1.24	
For Oil Based Paint, Add	0.07	
For Epoxy Paint, Add	0.13	
For Up To 100, Add	0.80	
For >100 To 250, Add	0.38	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.25	
09 91 23 00-0226 SF 1 Coat Primer, Sprayed, Paint Interior Concrete Floors And Decks .....	0.55	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Up To 100, Add	0.32	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 23 00-0227 SF 1 Coat Paint, Sprayed, Paint Interior Concrete Floors And Decks .....	0.58	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.07	
For Up To 100, Add	0.35	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 23 00-0228 SF 2 Coats Paint, Sprayed, Paint Interior Concrete Floors And Decks .....	1.01	
For Oil Based Paint, Add	0.06	
For Epoxy Paint, Add	0.13	
For Up To 100, Add	0.60	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 23 00-0229 SF 1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Floors And Decks .....	0.82	
For Up To 100, Add	0.52	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 23 00-0230 SF 1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Floors And Decks .....	0.80	
For Up To 100, Add	0.50	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 23 00-0231 SF 1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Floors And Decks .....	0.58	
For Up To 100, Add	0.32	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 23 00-0232 SF 1 Coat Non Slip Paint, Brush Work, Paint Interior Concrete Floors And Decks .....	2.07	
For Up To 100, Add	0.78	
For >100 To 250, Add	0.40	
For >250 To 500, Add	0.18	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.21	
For >10,000 To 20,000, Deduct	-0.31	
For >20,000, Deduct	-0.41	

<b>09</b>	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0233 SF 1 Coat Non Slip Epoxy Coating, Brush Work, Paint Interior Concrete Floors And Decks (Rust-Oleum® AS91864251).....	5.57	
For Up To 100, Add	1.31	
For >100 To 250, Add	0.75	
For >250 To 500, Add	0.36	
For >2,500 To 5,000, Deduct	-0.28	
For >5,000 To 10,000, Deduct	-0.56	
For >10,000 To 20,000, Deduct	-0.84	
For >20,000, Deduct	-1.11	
<b>09 91 23 00-0234 Paint Interior Wood Floors And Decks (09 91 23 00-0217)</b> .....	<b>0.18</b>	
09 91 23 00-0235 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Floors And Decks.....	0.18	
For Up To 100, Add	0.12	
For >100 To 250, Add	0.06	
For >250 To 500, Add	0.02	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.04	
09 91 23 00-0236 SF 1 Coat Primer, Brush Work, Paint Interior Wood Floors And Decks.....	0.98	
For Oil Based Paint, Add	0.06	
For Up To 100, Add	0.62	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 23 00-0237 SF 1 Coat Paint, Brush Work, Paint Interior Wood Floors And Decks.....	1.08	
For Oil Based Paint, Add	0.06	
For Up To 100, Add	0.71	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.22	
09 91 23 00-0238 SF 2 Coats Paint, Brush Work, Paint Interior Wood Floors And Decks.....	2.02	
For Oil Based Paint, Add	0.12	
For Up To 100, Add	1.32	
For >100 To 250, Add	0.63	
For >250 To 500, Add	0.27	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.20	
For >10,000 To 20,000, Deduct	-0.30	
For >20,000, Deduct	-0.40	
09 91 23 00-0239 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Floors And Decks.....	0.77	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.45	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.15	
09 91 23 00-0240 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks.....	0.85	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.52	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
09 91 23 00-0241 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks.....	1.68	
For Oil Based Paint, Add	0.10	
For Up To 100, Add	1.03	
For >100 To 250, Add	0.49	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.25	
For >20,000, Deduct	-0.34	
09 91 23 00-0242 SF 1 Coat Primer, Sprayed, Paint Interior Wood Floors And Decks.....	0.60	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.35	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0243 SF 1 Coat Paint, Sprayed, Paint Interior Wood Floors And Decks.....	0.75	
<i>For Oil Based Paint, Add</i>	0.05	
<i>For Up To 100, Add</i>	0.47	
<i>For &gt;100 To 250, Add</i>	0.22	
<i>For &gt;250 To 500, Add</i>	0.10	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.11	
<i>For &gt;20,000, Deduct</i>	-0.15	
09 91 23 00-0244 SF 2 Coats Paint, Sprayed, Paint Interior Wood Floors And Decks.....	1.06	
<i>For Oil Based Paint, Add</i>	0.07	
<i>For Up To 100, Add</i>	0.60	
<i>For &gt;100 To 250, Add</i>	0.29	
<i>For &gt;250 To 500, Add</i>	0.13	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.16	
<i>For &gt;20,000, Deduct</i>	-0.21	
09 91 23 00-0245 SF 1 Coat Non Slip Paint, Brush Work, Paint Interior Wood Floors And Decks.....	2.07	
<i>For Up To 100, Add</i>	0.78	
<i>For &gt;100 To 250, Add</i>	0.40	
<i>For &gt;250 To 500, Add</i>	0.18	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.10	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.21	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.31	
<i>For &gt;20,000, Deduct</i>	-0.41	
09 91 23 00-0246 SF 1 Coat Non Slip Epoxy Coating, Brush Work, Paint Interior Wood Floors And Decks.....	5.57	
<i>For Up To 100, Add</i>	1.31	
<i>For &gt;100 To 250, Add</i>	0.75	
<i>For &gt;250 To 500, Add</i>	0.36	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.28	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.56	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.84	
<i>For &gt;20,000, Deduct</i>	-1.11	
<b>09 91 23 00-0247 Paint Interior Doors And Windows (09 91 23)</b>		
<b>09 91 23 00-0248 Paint Interior Door Frames (09 91 23 00-0247)</b>		
09 91 23 00-0249 LF 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Door Frame And Trim.....	1.23	
<i>For Oil Based Paint, Add</i>	0.07	
<i>For Painting One Face Of Frame Only, Deduct</i>	-0.32	
09 91 23 00-0250 LF 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim.....	1.60	
<i>For Oil Based Paint, Add</i>	0.08	
<i>For Painting One Face Of Frame Only, Deduct</i>	-0.41	
09 91 23 00-0251 LF 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim.....	2.70	
<i>For Oil Based Paint, Add</i>	0.14	
<i>For Painting One Face Of Frame Only, Deduct</i>	-0.70	
09 91 23 00-0252 LF 1 Coat Primer, Brush/Roller Work, Paint Interior Metal Door Frame And Trim.....	1.24	
<i>For Oil Based Paint, Add</i>	0.07	
<i>For Painting One Face Of Frame Only, Deduct</i>	-0.33	
09 91 23 00-0253 LF 1 Coat Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim.....	1.61	
<i>For Oil Based Paint, Add</i>	0.09	
<i>For Painting One Face Of Frame Only, Deduct</i>	-0.42	
09 91 23 00-0254 LF 2 Coats Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim.....	2.72	
<i>For Oil Based Paint, Add</i>	0.15	
<i>For Painting One Face Of Frame Only, Deduct</i>	-0.71	
<b>09 91 23 00-0255 Paint Interior Metal Doors (09 91 23 00-0247)</b>		
09 91 23 00-0256 EA 1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Metal Door.....	53.38	
<i>For Electrostatic Painting, Add</i>	7.65	
<i>For Half Louvered Door, Add</i>	5.70	
<i>For Full Louvered Door, Add</i>	9.50	
<i>For Oil Based Paint, Add</i>	3.44	
<i>For &gt;5 To 10, Deduct</i>	-2.67	
<i>For &gt;10 To 25, Deduct</i>	-5.34	
<i>For &gt;25, Deduct</i>	-8.01	
09 91 23 00-0257 EA 1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Metal Door.....	53.38	
<i>For Electrostatic Painting, Add</i>	7.65	
<i>For Half Louvered Door, Add</i>	5.70	
<i>For Full Louvered Door, Add</i>	9.50	
<i>For Oil Based Paint, Add</i>	3.44	
<i>For &gt;5 To 10, Deduct</i>	-2.67	
<i>For &gt;10 To 25, Deduct</i>	-5.34	
<i>For &gt;25, Deduct</i>	-8.01	
09 91 23 00-0258 EA 2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Metal Door.....	94.76	
<i>For Electrostatic Painting, Add</i>	14.06	
<i>For Half Louvered Door, Add</i>	9.63	
<i>For Full Louvered Door, Add</i>	16.05	
<i>For Oil Based Paint, Add</i>	6.27	
<i>For &gt;5 To 10, Deduct</i>	-4.74	
<i>For &gt;10 To 25, Deduct</i>	-9.48	
<i>For &gt;25, Deduct</i>	-14.21	

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0259 EA 1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Metal Door.....	95.77	
For Electrostatic Painting, Add	13.72	
For Half Louvered Door, Add	10.22	
For Full Louvered Door, Add	17.03	
For Oil Based Paint, Add	6.17	
For >5 To 10, Deduct	-4.79	
For >10 To 25, Deduct	-9.58	
For >25, Deduct	-14.37	
09 91 23 00-0260 EA 1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door.....	95.78	
For Electrostatic Painting, Add	13.72	
For Half Louvered Door, Add	10.22	
For Full Louvered Door, Add	17.04	
For Oil Based Paint, Add	6.17	
For >5 To 10, Deduct	-4.79	
For >10 To 25, Deduct	-9.58	
For >25, Deduct	-14.37	
09 91 23 00-0261 EA 2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door.....	170.56	
For Electrostatic Painting, Add	25.35	
For Half Louvered Door, Add	17.29	
For Full Louvered Door, Add	28.82	
For Oil Based Paint, Add	11.29	
For >5 To 10, Deduct	-8.53	
For >10 To 25, Deduct	-17.06	
For >25, Deduct	-25.58	
09 91 23 00-0262 EA 1 Coat Primer, Sprayed, One Face, Paint Interior Metal Door.....	42.14	
For Electrostatic Painting, Add	6.75	
For Half Louvered Door, Add	3.78	
For Full Louvered Door, Add	6.31	
For Oil Based Paint, Add	2.95	
For >5 To 10, Deduct	-2.11	
For >10 To 25, Deduct	-4.21	
For >25, Deduct	-6.32	
09 91 23 00-0263 EA 1 Coat Paint, Sprayed, One Face, Paint Interior Metal Door.....	42.14	
For Electrostatic Painting, Add	6.75	
For Half Louvered Door, Add	3.78	
For Full Louvered Door, Add	6.31	
For Oil Based Paint, Add	2.95	
For >5 To 10, Deduct	-2.11	
For >10 To 25, Deduct	-4.21	
For >25, Deduct	-6.32	
09 91 23 00-0264 EA 2 Coats Paint, Sprayed, One Face, Paint Interior Metal Door.....	76.22	
For Electrostatic Painting, Add	12.67	
For Half Louvered Door, Add	6.39	
For Full Louvered Door, Add	10.65	
For Oil Based Paint, Add	5.49	
For >5 To 10, Deduct	-3.81	
For >10 To 25, Deduct	-7.62	
For >25, Deduct	-11.43	
09 91 23 00-0265 EA 1 Coat Primer, Sprayed, Both Faces, Paint Interior Metal Door.....	75.63	
For Electrostatic Painting, Add	12.12	
For Half Louvered Door, Add	6.78	
For Full Louvered Door, Add	11.31	
For Oil Based Paint, Add	5.30	
For >5 To 10, Deduct	-3.78	
For >10 To 25, Deduct	-7.56	
For >25, Deduct	-11.34	
09 91 23 00-0266 EA 1 Coat Paint, Sprayed, Both Faces, Paint Interior Metal Door.....	75.63	
For Electrostatic Painting, Add	12.12	
For Half Louvered Door, Add	6.78	
For Full Louvered Door, Add	11.31	
For Oil Based Paint, Add	5.30	
For >5 To 10, Deduct	-3.78	
For >10 To 25, Deduct	-7.56	
For >25, Deduct	-11.34	
09 91 23 00-0267 EA 2 Coats Paint, Sprayed, Both Faces, Paint Interior Metal Door.....	137.33	
For Electrostatic Painting, Add	22.85	
For Half Louvered Door, Add	11.48	
For Full Louvered Door, Add	19.13	
For Oil Based Paint, Add	9.91	
For >5 To 10, Deduct	-6.87	
For >10 To 25, Deduct	-13.73	
For >25, Deduct	-20.60	
<b>09 91 23 00-0268 Paint Interior Wood Doors (09 91 23 00-0247)</b>		
09 91 23 00-0269 EA 1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Wood Door.....	50.76	
For Oil Based Paint, Add	3.18	
For Half Louvered Door, Add	5.70	
For Full Louvered Door, Add	9.50	
For >5 To 10, Deduct	-2.54	
For >10 To 25, Deduct	-5.08	
For >25, Deduct	-7.61	





<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0270 EA 1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Wood Door .....	50.76	
For Oil Based Paint, Add	3.18	
For Half Louvered Door, Add	5.70	
For Full Louvered Door, Add	9.50	
For >5 To 10, Deduct	-2.54	
For >10 To 25, Deduct	-5.08	
For >25, Deduct	-7.61	
09 91 23 00-0271 EA 2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Wood Door .....	89.54	
For Oil Based Paint, Add	5.74	
For Half Louvered Door, Add	9.63	
For Full Louvered Door, Add	16.05	
For >5 To 10, Deduct	-4.48	
For >10 To 25, Deduct	-8.95	
For >25, Deduct	-13.43	
09 91 23 00-0272 EA 1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Wood Door .....	91.06	
For Oil Based Paint, Add	5.70	
For Half Louvered Door, Add	10.22	
For Full Louvered Door, Add	17.04	
For >5 To 10, Deduct	-4.55	
For >10 To 25, Deduct	-9.11	
For >25, Deduct	-13.66	
09 91 23 00-0273 EA 1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door .....	91.06	
For Oil Based Paint, Add	5.70	
For Half Louvered Door, Add	10.22	
For Full Louvered Door, Add	17.04	
For >5 To 10, Deduct	-4.55	
For >10 To 25, Deduct	-9.11	
For >25, Deduct	-13.66	
09 91 23 00-0274 EA 2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door .....	161.13	
For Oil Based Paint, Add	10.35	
For Half Louvered Door, Add	17.29	
For Full Louvered Door, Add	28.82	
For >5 To 10, Deduct	-8.06	
For >10 To 25, Deduct	-16.11	
For >25, Deduct	-24.17	
09 91 23 00-0275 EA 1 Coat Primer, Sprayed, One Face, Paint Interior Wood Door .....	39.25	
For Oil Based Paint, Add	2.66	
For Half Louvered Door, Add	3.78	
For Full Louvered Door, Add	6.31	
For >5 To 10, Deduct	-1.96	
For >10 To 25, Deduct	-3.93	
For >25, Deduct	-5.89	
09 91 23 00-0276 EA 1 Coat Paint, Sprayed, One Face, Paint Interior Wood Door .....	39.25	
For Oil Based Paint, Add	2.66	
For Half Louvered Door, Add	3.78	
For Full Louvered Door, Add	6.31	
For >5 To 10, Deduct	-1.96	
For >10 To 25, Deduct	-3.93	
For >25, Deduct	-5.89	
09 91 23 00-0277 EA 2 Coats Paint, Sprayed, One Face, Paint Interior Wood Door .....	70.50	
For Oil Based Paint, Add	4.92	
For Half Louvered Door, Add	6.39	
For Full Louvered Door, Add	10.65	
For >5 To 10, Deduct	-3.53	
For >10 To 25, Deduct	-7.05	
For >25, Deduct	-10.58	
09 91 23 00-0278 EA 1 Coat Primer, Sprayed, Both Faces, Paint Interior Wood Door .....	70.44	
For Oil Based Paint, Add	4.78	
For Half Louvered Door, Add	6.78	
For Full Louvered Door, Add	11.31	
For >5 To 10, Deduct	-3.52	
For >10 To 25, Deduct	-7.04	
For >25, Deduct	-10.57	
09 91 23 00-0279 EA 1 Coat Paint, Sprayed, Both Faces, Paint Interior Wood Door .....	70.44	
For Oil Based Paint, Add	4.78	
For Half Louvered Door, Add	6.78	
For Full Louvered Door, Add	11.31	
For >5 To 10, Deduct	-3.52	
For >10 To 25, Deduct	-7.04	
For >25, Deduct	-10.57	
09 91 23 00-0280 EA 2 Coats Paint, Sprayed, Both Faces, Paint Interior Wood Door .....	126.95	
For Oil Based Paint, Add	8.87	
For Half Louvered Door, Add	11.48	
For Full Louvered Door, Add	19.13	
For >5 To 10, Deduct	-6.35	
For >10 To 25, Deduct	-12.70	
For >25, Deduct	-19.04	
<b>09 91 23 00-0281 Paint Interior Metal Windows (09 91 23 00-0247)</b>		
Note: Two finish coats paint over rust inhibitive primer.		
09 91 23 00-0282 EA Up To 8 SF Window Size, 1 Coat Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work .....	95.40	
For Oil Based Paint, Add	5.28	
For Electrostatic Painting, Add	11.07	
For >5 To 10, Deduct	-4.77	
For >10 To 25, Deduct	-9.54	
For >25, Deduct	-14.31	

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0283	EA		>8 To 14 SF Window Size, 1 Coat Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work .....	114.06	
			<i>For Oil Based Paint, Add</i>	6.49	
			<i>For Electrostatic Painting, Add</i>	13.77	
			<i>For &gt;5 To 10, Deduct</i>	-5.70	
			<i>For &gt;10 To 25, Deduct</i>	-11.41	
			<i>For &gt;25, Deduct</i>	-17.11	
09 91 23 00-0284	EA		>14 To 20 SF Window Size, 1 Coat Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work .....	153.47	
			<i>For Oil Based Paint, Add</i>	8.79	
			<i>For Electrostatic Painting, Add</i>	18.71	
			<i>For &gt;5 To 10, Deduct</i>	-7.67	
			<i>For &gt;10 To 25, Deduct</i>	-15.35	
			<i>For &gt;25, Deduct</i>	-23.02	
09 91 23 00-0285	EA		>20 To 26 SF Window Size, 1 Coat Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work .....	172.79	
			<i>For Oil Based Paint, Add</i>	9.91	
			<i>For Electrostatic Painting, Add</i>	21.08	
			<i>For &gt;5 To 10, Deduct</i>	-8.64	
			<i>For &gt;10 To 25, Deduct</i>	-17.28	
			<i>For &gt;25, Deduct</i>	-25.92	
09 91 23 00-0286	EA		>26 To 34 SF Window Size, 1 Coat Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work .....	191.69	
			<i>For Oil Based Paint, Add</i>	10.98	
			<i>For Electrostatic Painting, Add</i>	23.35	
			<i>For &gt;5 To 10, Deduct</i>	-9.58	
			<i>For &gt;10 To 25, Deduct</i>	-19.17	
			<i>For &gt;25, Deduct</i>	-28.75	
09 91 23 00-0287	SF		>34 SF Window Size, 1 Coat Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work .....	6.09	
			<i>For Oil Based Paint, Add</i>	0.35	
			<i>For Electrostatic Painting, Add</i>	0.74	
<b>09 91 23 00-0288</b>			<b>Wood Windows</b> <small>(09 91 23 00-0247)</small>		
			Note: Two finish coats paint over primer.		
09 91 23 00-0289	EA		Up To 8 SF Window Size, 1 Coat Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work .....	93.66	
			<i>For Oil Based Paint, Add</i>	5.11	
			<i>For &gt;5 To 10, Deduct</i>	-4.68	
			<i>For &gt;10 To 25, Deduct</i>	-9.37	
			<i>For &gt;25, Deduct</i>	-14.05	
09 91 23 00-0290	EA		>8 To 14 SF Window Size, 1 Coat Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work .....	111.37	
			<i>For Oil Based Paint, Add</i>	6.22	
			<i>For &gt;5 To 10, Deduct</i>	-5.57	
			<i>For &gt;10 To 25, Deduct</i>	-11.14	
			<i>For &gt;25, Deduct</i>	-16.71	
09 91 23 00-0291	EA		>14 To 20 SF Window Size, 1 Coat Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work .....	154.84	
			<i>For Oil Based Paint, Add</i>	8.67	
			<i>For &gt;5 To 10, Deduct</i>	-7.74	
			<i>For &gt;10 To 25, Deduct</i>	-15.48	
			<i>For &gt;25, Deduct</i>	-23.23	
09 91 23 00-0292	EA		>20 To 26 SF Window Size, 1 Coat Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work .....	174.32	
			<i>For Oil Based Paint, Add</i>	9.77	
			<i>For &gt;5 To 10, Deduct</i>	-8.72	
			<i>For &gt;10 To 25, Deduct</i>	-17.43	
			<i>For &gt;25, Deduct</i>	-26.15	
09 91 23 00-0293	EA		>26 To 34 SF Window Size, 1 Coat Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work .....	186.93	
			<i>For Oil Based Paint, Add</i>	10.50	
			<i>For &gt;5 To 10, Deduct</i>	-9.35	
			<i>For &gt;10 To 25, Deduct</i>	-18.69	
			<i>For &gt;25, Deduct</i>	-28.04	
09 91 23 00-0294	SF		>34 SF Window Size, 1 Coat Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work .....	6.26	
			<i>For Oil Based Paint, Add</i>	0.35	
<b>09 91 23 00-0295</b>			<b>Paint Interior Security Screens</b> <small>(09 91 23 00-0247)</small>		
09 91 23 00-0296	SF		1 Coat Primer, Brush/Roller Work, Paint Interior Security Screen .....	1.46	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Electrostatic Painting, Add</i>	0.18	
09 91 23 00-0297	SF		1 Coat Paint, Brush/Roller Work, Paint Interior Security Screen .....	1.51	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Electrostatic Painting, Add</i>	0.18	
09 91 23 00-0298	SF		2 Coats Paint, Brush/Roller Work, Paint Interior Security Screen .....	2.50	
			<i>For Oil Based Paint, Add</i>	0.14	
			<i>For Electrostatic Painting, Add</i>	0.29	
<b>09 91 23 00-0299</b>			<b>Paint Interior Window Guards</b> <small>(09 91 23 00-0247)</small>		
09 91 23 00-0300	SF		1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Guards .....	1.46	
			<i>For Oil Based Paint, Add</i>	0.08	
09 91 23 00-0301	SF		1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Guards .....	1.51	
			<i>For Oil Based Paint, Add</i>	0.08	
09 91 23 00-0302	SF		2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Guards .....	2.50	
			<i>For Oil Based Paint, Add</i>	0.14	
<b>09 91 23 00-0303</b>			<b>Paint Interior Window Trim</b> <small>(09 91 23 00-0247)</small>		
09 91 23 00-0304	LF		1 Coat Primer, Brush/Roller Work, Paint Interior Wood Window Frame And Trim .....	1.43	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.39	



<b>Finishes</b>	<b>09</b>	
Painting and Coating	09 90	09
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0305 LF 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim..... <i>For Oil Based Paint, Add</i> <i>For Painting One Face Of Frame Only, Deduct</i>	1.43 0.08 -0.39	
09 91 23 00-0306 LF 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim..... <i>For Oil Based Paint, Add</i> <i>For Painting One Face Of Frame Only, Deduct</i>	3.14 0.18 -0.86	
09 91 23 00-0307 LF 1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Frame And Trim..... Note: Brush/roller work. <i>For Painting One Face Of Frame Only, Deduct</i>	1.53 -0.43	
09 91 23 00-0308 LF 1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim..... Note: Brush/roller work. <i>For Painting One Face Of Frame Only, Deduct</i>	1.53 -0.43	
09 91 23 00-0309 LF 2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim..... Note: Brush/roller work. <i>For Painting One Face Of Frame Only, Deduct</i>	3.33 -0.93	
<b>09 91 23 00-0310 Paint Interior Cabinets And Casework (09 91 23)</b>		
<b>09 91 23 00-0311 Paint Interior Wood Cabinets And Casework (09 91 23 00-0310)</b>		
09 91 23 00-0312 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework..... <i>For &gt;5,000 To 10,000, Deduct</i> <i>For &gt;10,000 To 20,000, Deduct</i> <i>For &gt;20,000, Deduct</i>	1.38 -0.07 -0.14 -0.21	
09 91 23 00-0313 SF 1 Coat Enamel Primer And 1 Coat Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework..... <i>For &gt;5,000 To 10,000, Deduct</i> <i>For &gt;10,000 To 20,000, Deduct</i> <i>For &gt;20,000, Deduct</i>	1.88 -0.09 -0.19 -0.28	
09 91 23 00-0314 SF 1 Coat Enamel Primer And 2 Coats Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework..... <i>For &gt;5,000 To 10,000, Deduct</i> <i>For &gt;10,000 To 20,000, Deduct</i> <i>For &gt;20,000, Deduct</i>	2.96 -0.15 -0.30 -0.44	
<b>09 91 23 00-0315 Paint Exposed Metal Lockers (09 91 23 00-0310)</b>		
09 91 23 00-0316 SF 1 Coat Primer, Brush/Roller Work, Paint Exposed Metal Locker..... <i>For &gt;5,000 To 10,000, Deduct</i> <i>For &gt;10,000 To 20,000, Deduct</i> <i>For &gt;20,000, Deduct</i>	1.35 -0.07 -0.14 -0.20	
09 91 23 00-0317 SF 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Exposed Metal Locker..... <i>For &gt;5,000 To 10,000, Deduct</i> <i>For &gt;10,000 To 20,000, Deduct</i> <i>For &gt;20,000, Deduct</i>	1.39 -0.07 -0.14 -0.21	
09 91 23 00-0318 SF 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Exposed Metal Locker..... <i>For &gt;5,000 To 10,000, Deduct</i> <i>For &gt;10,000 To 20,000, Deduct</i> <i>For &gt;20,000, Deduct</i>	2.56 -0.13 -0.26 -0.38	
<b>09 91 23 00-0319 Paint Interior Stairs (09 91 23)</b>		
<b>09 91 23 00-0320 Paint Interior Concrete Stairs (09 91 23 00-0319)</b> Note: Includes the riser and tread.		
09 91 23 00-0321 RSR 1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide).....	19.27	
09 91 23 00-0322 RSR 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide).....	19.27	
09 91 23 00-0323 RSR 1 Coat Non Slip Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)..... Note: Excludes riser.	14.76	
09 91 23 00-0324 RSR 1 Coat Non Slip Epoxy Coating, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)..... Note: Excludes riser.	28.74	
09 91 23 00-0325 RSR 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide).....	38.55	
<b>09 91 23 00-0326 Paint Interior Metal Stairs (09 91 23 00-0319)</b> Note: Includes the riser and tread.		
09 91 23 00-0327 RSR 1 Coat Primer, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide).....	10.37	
09 91 23 00-0328 RSR 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide).....	9.97	
09 91 23 00-0329 RSR 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide).....	19.93	
<b>09 91 23 00-0330 Paint Interior Wood Stairs (09 91 23 00-0319)</b> Note: Includes the riser and tread.		
09 91 23 00-0331 RSR 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide).....	9.87	
09 91 23 00-0332 RSR 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide).....	9.87	
09 91 23 00-0333 RSR 1 Coat Non Slip Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)..... Note: Excludes riser.	10.05	
09 91 23 00-0334 RSR 1 Coat Non Slip Epoxy Coating, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)..... Note: Excludes riser.	24.03	
09 91 23 00-0335 RSR 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide).....	19.73	
<b>09 91 23 00-0336 Paint Interior Stair Nosing (09 91 23 00-0319)</b>		
09 91 23 00-0337 LF 1 Coat Paint, Up To 2", Non Slip, Brush Work, Paint Interior Yellow Stair Safety Strip.....	1.69	

09	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0338    Paint Interior Trim <small>(09 91 23)</small>		
09 91 23 00-0339    Paint Interior Metal Trim <small>(09 91 23 00-0338)</small>		
09 91 23 00-0340    SF   1 Coat Primer, Brush Work, Paint Interior Exposed Metal Trim .....	1.25	
For Work >15' To 20' Above Floor, Add	0.17	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.28	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.44	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.61	
Note: Applied only to work area above 40'.		
09 91 23 00-0341    SF   1 Coat Paint, Brush Work, Paint Interior Exposed Metal Trim .....	1.38	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.31	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.49	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.68	
Note: Applied only to work area above 40'.		
09 91 23 00-0342    SF   2 Coats Paint, Brush Work, Paint Interior Exposed Metal Trim .....	2.46	
For Work >15' To 20' Above Floor, Add	0.33	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.54	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.87	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.19	
Note: Applied only to work area above 40'.		
09 91 23 00-0343    SF   1 Coat Primer, Brush/Roller Work, Paint Interior Exposed Metal Trim .....	1.04	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.49	
Note: Applied only to work area above 40'.		
09 91 23 00-0344    SF   1 Coat Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim .....	1.14	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.25	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.40	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.54	
Note: Applied only to work area above 40'.		
09 91 23 00-0345    SF   2 Coats Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim .....	2.03	
For Work >15' To 20' Above Floor, Add	0.26	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.44	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.70	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.96	
Note: Applied only to work area above 40'.		
09 91 23 00-0346    Paint Interior Wood Trim <small>(09 91 23 00-0338)</small>		
09 91 23 00-0347    LF   1 Coat Primer, Brush Work, Paint Interior Wood Trim To 6" Wide .....	0.85	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'.		
For Oil Based Paint, Add	0.05	
09 91 23 00-0348    LF   1 Coat Paint, Brush Work, Paint Interior Wood Trim To 6" Wide .....	0.93	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.35	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.48	
Note: Applied only to work area above 40'.		
For Oil Based Paint, Add	0.05	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0349 LF 2 Coats Paint, Paint Interior Wood Trim to 6' Wide.....	1.96	
For Work >15' To 20' Above Floor, Add	0.28	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.47	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.75	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.03	
Note: Applied only to work area above 40'.		
For Oil Based Paint, Add	0.10	
09 91 23 00-0350 SF 1 Coat Primer, Brush Work, Paint Interior Wood Trim.....	2.57	
For Work >15' To 20' Above Floor, Add	0.35	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.58	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.93	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.28	
Note: Applied only to work area above 40'.		
For Oil Based Paint, Add	0.14	
09 91 23 00-0351 SF 1 Coat Paint, Brush Work, Paint Interior Wood Trim.....	2.86	
For Work >15' To 20' Above Floor, Add	0.39	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.65	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	1.04	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.42	
Note: Applied only to work area above 40'.		
For Oil Based Paint, Add	0.16	
09 91 23 00-0352 SF 2 Coats Paint, Brush Work, Paint Interior Wood Trim.....	5.17	
For Work >15' To 20' Above Floor, Add	0.69	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	1.16	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	1.85	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	2.55	
Note: Applied only to work area above 40'.		
For Oil Based Paint, Add	0.29	
09 91 23 00-0353 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Trim.....	2.10	
For Work >15' To 20' Above Floor, Add	0.28	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.47	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.74	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.02	
Note: Applied only to work area above 40'.		
For Oil Based Paint, Add	0.12	
09 91 23 00-0354 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Trim.....	2.35	
For Work >15' To 20' Above Floor, Add	0.31	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.52	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.83	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.14	
Note: Applied only to work area above 40'.		
For Oil Based Paint, Add	0.13	
09 91 23 00-0355 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Trim.....	4.22	
For Work >15' To 20' Above Floor, Add	0.55	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.92	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	1.47	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	2.02	
Note: Applied only to work area above 40'.		
For Oil Based Paint, Add	0.24	
<b>09 91 23 00-0356 Paint Additives (09 91 23)</b>		
09 91 23 00-0357 SF Mildewcide/Mold Killing Paint Additive Per Each Coat.....	0.03	
09 91 23 00-0358 SF Class "B" Fire Rating, Fire Resistant Paint Additive.....	0.06	
For Class "A" Fire Rating, Add	0.06	
<b>09 91 23 00-0359 Hand Painting Letters/Numbers (09 91 23)</b>		
Note: Painting on walls, floors, poles, signs, etc.		
09 91 23 00-0360 EA Up To 1" High, Hand Paint, Per Letter/Number.....	2.62	
09 91 23 00-0361 EA 1" To 2" High, Hand Paint, Per Letter/Number.....	3.06	
09 91 23 00-0362 EA 2" To 3" High, Hand Paint, Per Letter/Number.....	4.65	
09 91 23 00-0363 EA 3" To 4" High, Hand Paint, Per Letter/Number.....	5.69	
09 91 23 00-0364 EA 4" To 6" High, Hand Paint, Per Letter/Number.....	7.86	
09 91 23 00-0365 EA 6" To 12" High, Hand Paint, Per Letter/Number.....	9.96	

<b>09</b>	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0366 EA Over 12" High, Hand Paint, Per Letter/Number .....	11.69	
<b>09 91 23 00-0367 Glove/Mitt Application</b> <small>(09 91 23)</small>		
<b>09 91 23 00-0368 Conduit/Pipe</b> <small>(09 91 23 00-0367)</small>		
09 91 23 00-0369 CSF Acid Wash (Muriatic Acid) Conduit Or Pipe With Glove/Mitt .....	49.72	
For Work >15' To 20' Above Floor, Add	7.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	11.80	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	18.87	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	25.95	
Note: Applied only to work area above 40'.		
09 91 23 00-0370 CSF Metal Primer Conduit Or Pipe With Glove/Mitt .....	77.13	
For Work >15' To 20' Above Floor, Add	8.49	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	14.15	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	22.64	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	31.14	
Note: Applied only to work area above 40'.		
09 91 23 00-0371 CSF Enamel, Oil Base Paint, First Coat Conduit Or Pipe With Glove/Mitt .....	59.99	
For Work >15' To 20' Above Floor, Add	6.23	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	10.38	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	16.60	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	22.83	
Note: Applied only to work area above 40'.		
09 91 23 00-0372 CSF Enamel, Oil Base Paint, Second Coat Conduit Or Pipe With Glove/Mitt .....	48.45	
For Work >15' To 20' Above Floor, Add	4.67	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	7.79	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	12.46	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	17.13	
Note: Applied only to work area above 40'.		
09 91 23 00-0373 CSF Epoxy Coating, First Coat Conduit Or Pipe With Glove/Mitt .....	88.92	
For Work >15' To 20' Above Floor, Add	7.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	11.80	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	18.87	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	25.95	
Note: Applied only to work area above 40'.		
09 91 23 00-0374 CSF Epoxy Coating, Second Coat Conduit Or Pipe With Glove/Mitt .....	81.52	
For Work >15' To 20' Above Floor, Add	6.23	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	10.38	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	16.60	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	22.83	
Note: Applied only to work area above 40'.		
<b>09 91 23 00-0375 Ductwork</b> <small>(09 91 23 00-0367)</small>		
09 91 23 00-0376 CSF Acid Wash (Muriatic Acid) Ductwork With Glove/Mitt .....	49.72	
For Work >15' To 20' Above Floor, Add	7.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	11.80	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	18.87	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	25.95	
Note: Applied only to work area above 40'.		
09 91 23 00-0377 CSF Metal Primer Ductwork With Glove/Mitt .....	67.15	
For Work >15' To 20' Above Floor, Add	7.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	11.80	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	18.87	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	25.95	
Note: Applied only to work area above 40'.		



<b>Finishes</b>	<b>09</b>	
Painting and Coating	09 90	09
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0378 CSF Enamel, Oil Base Paint Ductwork With Glove/Mitt.....	54.52	
For Work >15' To 20' Above Floor, Add	5.66	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	9.44	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	15.10	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	20.76	
Note: Applied only to work area above 40'.		
09 91 23 00-0379 CSF Epoxy Coating, First Coat Ductwork With Glove/Mitt.....	85.92	
For Work >15' To 20' Above Floor, Add	7.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	11.80	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	18.87	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	25.95	
Note: Applied only to work area above 40'.		
09 91 23 00-0380 CSF Epoxy Coating, Second Coat Ductwork With Glove/Mitt.....	74.06	
For Work >15' To 20' Above Floor, Add	5.66	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	9.44	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	15.10	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	20.76	
Note: Applied only to work area above 40'.		
<b>09 91 23 00-0381 Stencil Painting Letters/Numbers</b> <small>(09 91 23)</small>		
Note: Painting on walls, floors, poles, etc. Includes stencil cutout and paint.		
09 91 23 00-0382 EA Up To 1" High, Stencil Painting, Per Letter/Number .....	2.13	
For >200 To 500, Deduct	-0.17	
For >500 To 1,000, Deduct	-0.27	
For >1,000 To 2,000, Deduct	-0.34	
For >2,000, Deduct	-0.43	
09 91 23 00-0383 EA 1" To 2" High, Stencil Painting, Per Letter/Number.....	2.47	
For >200 To 500, Deduct	-0.20	
For >500 To 1,000, Deduct	-0.31	
For >1,000 To 2,000, Deduct	-0.40	
For >2,000, Deduct	-0.49	
09 91 23 00-0384 EA 2" To 3" High, Stencil Painting, Per Letter/Number.....	4.19	
For >200 To 500, Deduct	-0.34	
For >500 To 1,000, Deduct	-0.52	
For >1,000 To 2,000, Deduct	-0.67	
For >2,000, Deduct	-0.84	
09 91 23 00-0385 EA 3" To 4" High, Stencil Painting, Per Letter/Number.....	5.15	
For >200 To 500, Deduct	-0.41	
For >500 To 1,000, Deduct	-0.64	
For >1,000 To 2,000, Deduct	-0.82	
For >2,000, Deduct	-1.03	
09 91 23 00-0386 EA 4" To 6" High, Stencil Painting, Per Letter/Number.....	7.09	
For >200 To 500, Deduct	-0.57	
For >500 To 1,000, Deduct	-0.89	
For >1,000 To 2,000, Deduct	-1.13	
For >2,000, Deduct	-1.42	
09 91 23 00-0387 EA 6" To 12" High, Stencil Painting, Per Letter/Number.....	9.42	
For >200 To 500, Deduct	-0.75	
For >500 To 1,000, Deduct	-1.18	
For >1,000 To 2,000, Deduct	-1.51	
For >2,000, Deduct	-1.88	
09 91 23 00-0388 EA Over 12" High, Stencil Painting, Per Letter/Number .....	11.12	
For >200 To 500, Deduct	-0.89	
For >500 To 1,000, Deduct	-1.39	
For >1,000 To 2,000, Deduct	-1.78	
For >2,000, Deduct	-2.22	
<b>09 91 23 00-0389 Paint Interior Miscellaneous Metal Surfaces</b> <small>(09 91 23)</small>		
09 91 23 00-0390 SF 1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces.....	0.84	
For Electrostatic Painting, Add	0.11	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.38	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.54	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	

09	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0391 SF 1 Coat Alkyd Enamel, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces.....	1.01	
For Electrostatic Painting, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.34	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.47	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.67	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 23 00-0392 SF 2 Coats Alkyd Enamel, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces.....	1.77	
For Electrostatic Painting, Add	0.21	
For Work >15' To 20' Above Floor, Add	0.23	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.39	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.62	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.85	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.20	
For >100 To 250, Add	0.56	
For >250 To 500, Add	0.24	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.27	
For >20,000, Deduct	-0.35	
09 91 23 00-0393 SF 1 Coat Alkyd Anticorrosive Metal Primer, Sprayed, Paint Interior Miscellaneous Metal Surfaces.....	1.07	
For Electrostatic Painting, Add	0.13	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.50	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.70	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
09 91 23 00-0394 SF 1 Coat Alkyd, Sprayed, Paint Interior Miscellaneous Metal Surfaces.....	1.07	
For Electrostatic Painting, Add	0.13	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.50	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.70	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
09 91 23 00-0395 SF 2 Coats Alkyd, Sprayed, Paint Interior Miscellaneous Metal Surfaces.....	1.64	
For Electrostatic Painting, Add	0.20	
For Work >15' To 20' Above Floor, Add	0.21	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.35	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.56	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.76	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.08	
For >100 To 250, Add	0.51	
For >250 To 500, Add	0.22	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000 To 20,000, Deduct	-0.25	
For >20,000, Deduct	-0.33	





	<b>Finishes</b>	<b>09</b>
	<b>Painting and Coating</b>	<b>09 90</b>
	<b>Painting</b>	<b>09 91</b>

MINOR		TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION		UNIT COST	UNIT COST

**09 91 33 Painting Materials (09 91)**

Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.

**09 91 33 00-0001 Primer (09 91 33)**

09 91 33 00-0002	GAL Alkyd Primer/Sealer, Interior, 500 SF Per Gallon.....	38.05
09 91 33 00-0003	GAL Alkyd Wood Primer, Exterior, 400 SF Per Gallon .....	30.95
09 91 33 00-0004	GAL Prime Coat Oil Wood Primer, 310 SF Per Gallon .....	39.24
09 91 33 00-0005	GAL Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon.....	87.07
09 91 33 00-0006	EA Cement Base Primer, 25 LB Sack .....	32.36
09 91 33 00-0007	GAL Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon .....	49.89
09 91 33 00-0008	GAL Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon.....	40.05
09 91 33 00-0009	GAL Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF per Gallon.....	30.95
09 91 33 00-0010	GAL Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon.....	28.11
09 91 33 00-0011	GAL Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon .....	49.55
09 91 33 00-0012	GAL Acrylic Heavy Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon .....	41.26
09 91 33 00-0013	GAL Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon.....	41.26
09 91 33 00-0014	GAL Latex Wood Primer, Exterior, 300 SF Per Gallon .....	46.52
09 91 33 00-0015	GAL Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon .....	30.34
09 91 33 00-0016	GAL Red Alkyd Primer, 500 SF Per Gallon .....	65.12
09 91 33 00-0017	GAL Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon .....	32.36
09 91 33 00-0018	GAL Zinc Chromate Primer, 300 SF Per Gallon .....	25.89
09 91 33 00-0019	GAL Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon.....	66.95
09 91 33 00-0020	GAL Stain Killer, Alcohol Base.....	41.75
09 91 33 00-0021	GAL Sealer, Primer Kilz, 400 SF Per Gallon.....	47.10

**09 91 33 00-0022 Paint (09 91 33)**

09 91 33 00-0023	GAL Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon.....	22.65
09 91 33 00-0024	GAL Acrylic Urethane Sealer .....	112.32
09 91 33 00-0025	GAL Asphalt-Fiber Roof And Foundation Coating, Solvent Type .....	12.14
	Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal.	
09 91 33 00-0026	GAL Concrete Enamel Epoxy, 350 SF Per Gallon.....	70.19
09 91 33 00-0027	GAL Concrete Acrylic Sealer, 400 SF Per Gallon .....	36.81
09 91 33 00-0028	GAL Tar Emulsion, Driveway Coating, 120 SF Per Gallon .....	12.14
09 91 33 00-0029	GAL Acrylic Latex, Driveway Coating, 250 SF Per Gallon.....	18.41
09 91 33 00-0030	GAL Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon .....	37.22
09 91 33 00-0031	GAL Exterior, Oil Base, Gloss, 400 SF Per Gallon .....	49.55
09 91 33 00-0032	GAL Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon .....	40.45
09 91 33 00-0033	GAL Exterior, Flat, Oil Base.....	37.08
09 91 33 00-0034	GAL Exterior, Latex, Semi-Gloss, 400 SF Per Gallon.....	35.19
09 91 33 00-0035	GAL Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon.....	41.46
09 91 33 00-0036	GAL Exterior, Latex Flat Paint, 300 SF Per Gallon .....	36.81
09 91 33 00-0037	GAL Exterior, Water Base, Latex Gloss Enamel .....	52.40
09 91 33 00-0038	GAL Cold Galvanizing Paint .....	283.11
09 91 33 00-0039	GAL High Heat Paint.....	92.20
09 91 33 00-0040	GAL Heat Resistant Paint.....	61.46
09 91 33 00-0041	GAL Zinc Chromate Paint.....	55.61
09 91 33 00-0042	QT Anti-Rust Enamel, 500 SF Per Quart.....	21.95
09 91 33 00-0043	GAL Rust Inhibitor, Ferrous Metal.....	61.46
09 91 33 00-0044	GAL Masonry Waterproofing, 100 SF Per Gallon .....	36.81
09 91 33 00-0045	GAL Alkyd Latex, Black .....	41.46
09 91 33 00-0046	GAL Alkyd Latex, White .....	41.46
09 91 33 00-0047	GAL Alkyd Latex, Colors .....	50.00
09 91 33 00-0048	QT Wrought Iron Paint, Black.....	56.10
09 91 33 00-0049	GAL Vinyl Paint.....	61.89
09 91 33 00-0050	GAL Silicone Alkyd .....	75.24
09 91 33 00-0051	GAL 2 Component Solvent Based Acrylic Epoxy.....	76.46
09 91 33 00-0052	GAL 2 Component Solvent Based Polyester Epoxy .....	95.87
09 91 33 00-0053	GAL Chlorinated Rubber.....	70.39
09 91 33 00-0054	GAL Polyamide Epoxy Sealer.....	72.82
09 91 33 00-0055	GAL Coal Tar Epoxy .....	52.18
09 91 33 00-0056	GAL Swimming Pool Enamel, 350 SF Per Gallon.....	65.13
09 91 33 00-0057	GAL Swimming Pool Epoxy Or Urethane Base .....	84.95
09 91 33 00-0058	GAL Swimming Pool Rubber Base .....	58.25
09 91 33 00-0059	GAL Interior, Latex Flat Paint, 300 SF Per Gallon .....	37.01
09 91 33 00-0060	GAL Interior, Latex Eggshell Or Semi-Gloss Enamel, 300 SF Per Gallon .....	41.46
09 91 33 00-0061	GAL Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon .....	75.85
09 91 33 00-0062	GAL Interior, Ceiling White Latex Flat, 350 SF Per Gallon .....	25.69
09 91 33 00-0063	GAL Linseed Oil.....	22.45
09 91 33 00-0064	GAL Latex Floor Paint, 300 SF Per Gallon .....	36.81
09 91 33 00-0065	GAL Acrylic Floor Paint, 400 SF Per Gallon .....	41.46
09 91 33 00-0066	GAL Texture Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon.....	37.92
09 91 33 00-0067	GAL Acoustic Spray-On Texture, Finish .....	30.47

**09 91 33 00-0068 Stain, Varnish (09 91 33)**

09 91 33 00-0069	GAL Thompson Water Sealer, 150 SF Per Gallon.....	21.04
09 91 33 00-0070	GAL Latex Redwood Stain, Water Base, 300 SF Per Gallon.....	39.24
09 91 33 00-0071	GAL Redwood Oil Stain, 300 SF Per Gallon.....	34.99
09 91 33 00-0072	GAL Varnish, Clear.....	39.36
09 91 33 00-0073	GAL Penetrating Water-Repellent Stain .....	28.59

<b>09</b>	<b>09</b>	<b>Finishes</b>
	<b>09 90</b>	<b>Painting and Coating</b>
	<b>09 91</b>	<b>Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 33 00-0074 GAL Redwood Hue Or Clear Stain .....	25.55	
09 91 33 00-0075 GAL Polyurethane.....	44.85	
09 91 33 00-0076 GAL Lacquer, Semi-Gloss .....	36.92	
09 91 33 00-0077 GAL Shellac, Clear.....	48.44	
09 91 33 00-0078 GAL Acetone.....	15.98	
09 91 33 00-0079 GAL Paint Thinner.....	3.94	
09 91 33 00-0080 GAL Shellac Or Lacquer Thinner .....	16.18	
09 91 33 00-0081 GAL Turpentine.....	22.25	
09 91 33 00-0082 GAL Wood Filler Paste.....	38.03	
09 91 33 00-0083 GAL Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon .....	30.34	
09 91 33 00-0084 GAL Waterbased Alkyd Urethane (Sherwin Williams B53W01153).....	83.07	
 <b>09 91 43 Surface Preparation (09 91)</b> See CSI section 09 01 90 52-0000 for preparation on painted or unpainted surfaces.		
<b>09 93 Staining and Transparent Finishing (09 90)</b> Note: Includes light sanding or screening between coats.		
<b>09 93 13 Exterior Staining and Finishing (09 93)</b>		
<b>09 93 13 53 Exterior Finishing (09 93 13)</b>		
<b>09 93 13 53-0001 Stain Sealer (09 93 13 53)</b> Note: Measured by surface area of wall or ceiling.		
09 93 13 53-0002 SF Stain Sealer, Brush Work.....	1.02	
For Ceiling Work, Add	0.14	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 93 13 53-0003 SF Stain Sealer, Brush/Roller Work .....	0.82	
For Ceiling Work, Add	0.11	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
09 93 13 53-0004 SF Stain Sealer, Sprayed.....	0.31	
For Ceiling Work, Add	0.03	
For >5,000 To 10,000, Deduct	-0.01	
For >10,000 To 20,000, Deduct	-0.02	
For >20,000, Deduct	-0.03	
 <b>09 93 23 Interior Staining and Finishing (09 93)</b> Note: VOC compliant in all regulated areas, review specifications for levels.		
<b>09 93 23 13 Interior Staining (09 93 23)</b>		
<b>09 93 23 13-0001 Stain Wood Trim (09 93 23 13)</b>		
09 93 23 13-0002 LF Stain Wood Trim, Up To 6" Wide, 1 Coat Stain, With Brush And Wipe Off.....	1.25	
For Up To 100, Add	0.90	
For >100 To 250, Add	0.42	
For >250 To 500, Add	0.18	
For >4,000, Deduct	-0.06	
09 93 23 13-0003 SF Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off.....	1.86	
For Up To 100, Add	1.32	
For >100 To 250, Add	0.62	
For >250 To 500, Add	0.27	
For >4,000, Deduct	-0.09	
 <b>09 93 23 13-0004 Stain Wood Floor (09 93 23 13)</b>		
09 93 23 13-0005 SF Stain Or Varnish Wood Floor, 1 Coat Stain, Brush Work.....	0.59	
For Up To 100, Add	0.36	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.08	
For >4,000, Deduct	-0.03	
09 93 23 13-0006 SF Stain Or Varnish Wood Floor, 1 Coat Stain, Brush/Roller Work .....	0.44	
For Up To 100, Add	0.25	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >4,000, Deduct	-0.02	
 <b>09 93 23 13-0007 Stain Wood Door And Window (09 93 23 13)</b>		
09 93 23 13-0008 EA Stain Wood Door, 1 Coat Stain With Brush And Wipe Off Wood Door (Per Face) .....	60.50	
For Up To 4, Add	44.18	
For >4 To 10, Add	20.68	
For >10 To 20, Add	8.88	
For >160, Deduct	-3.03	
09 93 23 13-0009 EA Stain Wood Window, 1 Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face).....	43.03	
For Up To 4, Add	30.51	
For >4 To 10, Add	14.33	
For >10 To 20, Add	6.16	
For >160, Deduct	-2.15	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Staining and Transparent Finishing	09 93	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 93 23 13-0010 Stain Wood Cabinet</b> (09 93 23 13)		
09 93 23 13-0011 SF Stain Cabinet, 1 Coat Stain With Brush And Wipe.....	1.51	
<b>09 93 23 53 Interior Finishing</b> (09 93 23)		
<b>09 93 23 53-0001 Concrete Finishes</b> (09 93 23 53)		
09 93 23 53-0002 SF Finish Concrete Floor, 1 Coat Polyurethane.....	0.88	
For Up To 100, Add	0.53	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >4,000, Deduct	-0.04	
<b>09 93 23 53-0003 Wood Trim Finishes</b> (09 93 23 53)		
09 93 23 53-0004 SF Finish Wood Trim, 1 Coat Sealer And 1 Coat Varnish Or Polyurethane.....	1.52	
For Up To 100, Add	1.01	
For >100 To 250, Add	0.48	
For >250 To 500, Add	0.21	
For >4,000, Deduct	-0.08	
09 93 23 53-0005 SF Finish Wood Trim, 1 Coat Varnish Or Polyurethane.....	1.01	
For Up To 100, Add	0.70	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
For >4,000, Deduct	-0.05	
<b>09 93 23 53-0006 Wood Floor Finishes</b> (09 93 23 53)		
09 93 23 53-0007 SF Refinish Wood Floor, 2 Coats Polyurethane.....	3.29	
Note: Includes sanding existing floor.		
For Up To 100, Add	2.34	
For >100 To 250, Add	1.10	
For >250 To 500, Add	0.47	
For >4,000, Deduct	-0.16	
09 93 23 53-0008 SF Polyurethane Wood Floor, 1 Coat Polyurethane, With Wool Applicator Or Brush Work.....	0.77	
Note: Includes screening between coats.		
For Up To 100, Add	0.51	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.10	
For >4,000, Deduct	-0.04	
09 93 23 53-0009 SF Refinish Wood Floor, 1 Coat Sealer And 2 Coats Polyurethane.....	3.72	
Note: Includes sanding existing floor.		
For Up To 100, Add	2.63	
For >100 To 250, Add	1.23	
For >250 To 500, Add	0.53	
For >4,000, Deduct	-0.19	
<b>09 93 23 53-0010 Wood Door And Window Finishes</b> (09 93 23 53)		
09 93 23 53-0011 EA Varnish Or Polyurethane Wood Door, 1 Coat Shellac (Per Face).....	43.70	
For Up To 4, Add	31.83	
For >4 To 10, Add	14.90	
For >10 To 20, Add	6.40	
For >160, Deduct	-2.19	
09 93 23 53-0012 EA Varnish Or Polyurethane Wood Door, 3 Coats Shellac, With Light Sanding Between Coats (Per Face).....	132.44	
For Up To 4, Add	94.98	
For >4 To 10, Add	44.54	
For >10 To 20, Add	19.14	
For >160, Deduct	-6.62	
<b>09 93 23 53-0013 Cabinet Finishes</b> (09 93 23 53)		
09 93 23 53-0014 SF Finish Cabinet, 1 Coat Shellac, Varnish Or Polyurethane.....	1.52	
<b>09 93 23 53-0015 Gym, Stage And Dance Floor Finishes</b> (09 93 23 53)		
09 93 23 53-0016 SF Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor.....	1.83	
Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.		
09 93 23 53-0017 SF Finish New Elementary School Wood Gym, Stage Or Dance Floor.....	4.27	
Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
For Stage Or Dance Floors, Deduct	-0.09	
09 93 23 53-0018 SF Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor.....	4.37	
Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
For Stage Or Dance Floors, Deduct	-0.09	
09 93 23 53-0019 SF Finish New High School Wood Gym, Stage Or Dance Floor.....	4.46	
Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
For Stage Or Dance Floors, Deduct	-0.09	

**09 Finishes**

**09 90 Painting and Coating**

**09 93 Staining and Transparent Finishing**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 53-0020	SF		Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor..... Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.27	
			<i>For Stage Or Dance Floors, Deduct</i>	-0.09	
09 93 23 53-0021	SF		Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor..... Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.37	
			<i>For Stage Or Dance Floors, Deduct</i>	-0.09	
09 93 23 53-0022	SF		Refinish Existing High School Wood Gym, Stage Or Dance Floor..... Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.46	
			<i>For Stage Or Dance Floors, Deduct</i>	-0.09	
<b>09 96 High-Performance Coatings <small>(09 90)</small></b>					
<b>09 96 23 Graffiti-Resistant Coatings <small>(09 96)</small></b>					
<b>09 96 23 00-0001 Anti-Graffiti Coating <small>(09 96 23)</small></b>					
09 96 23 00-0002	SF		Sacrificial Anti-Graffiti Coating, Per Coat.....	1.50	
			<i>For Up To 100, Add</i>	0.93	
			<i>For &gt;100 To 250, Add</i>	0.45	
			<i>For &gt;250 To 500, Add</i>	0.19	
09 96 23 00-0003	SF		Permanent (Non-Sacrificial) Anti-Graffiti Coating, Per Coat.....	1.58	
			<i>For Up To 100, Add</i>	0.95	
			<i>For &gt;100 To 250, Add</i>	0.45	
			<i>For &gt;250 To 500, Add</i>	0.20	
<b>09 96 53 Elastomeric Coatings <small>(09 96)</small></b>					
<b>09 96 53 00-0001 Elastomeric Painting <small>(09 96 53)</small></b>					
			Note: Per coat.		
09 96 53 00-0002	SF		1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Walls And Floors.....	0.92	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12	
			Note: Applied only to work area above 15' to 20'.		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.19	
			Note: Applied only to work area above 20'.		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.31	
			Note: Applied only to work area above 30' to 40'.		
			<i>For Work &gt;40' Above Floor, Add</i>	0.42	
			Note: Applied only to work area above 40'.		
			<i>For Up To 100, Add</i>	0.60	
			<i>For &gt;100 To 250, Add</i>	0.28	
			<i>For &gt;250 To 500, Add</i>	0.12	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.14	
			<i>For &gt;20,000, Deduct</i>	-0.18	
09 96 53 00-0003	SF		1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Walls And Floors.....	0.78	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.10	
			Note: Applied only to work area above 15' to 20'.		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.16	
			Note: Applied only to work area above 20'.		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.26	
			Note: Applied only to work area above 30' to 40'.		
			<i>For Work &gt;40' Above Floor, Add</i>	0.35	
			Note: Applied only to work area above 40'.		
			<i>For Up To 100, Add</i>	0.50	
			<i>For &gt;100 To 250, Add</i>	0.24	
			<i>For &gt;250 To 500, Add</i>	0.10	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.12	
			<i>For &gt;20,000, Deduct</i>	-0.16	
09 96 53 00-0004	SF		1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Walls And Floors.....	0.62	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.06	
			Note: Applied only to work area above 15' to 20'.		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.11	
			Note: Applied only to work area above 20'.		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.17	
			Note: Applied only to work area above 30' to 40'.		
			<i>For Work &gt;40' Above Floor, Add</i>	0.24	
			Note: Applied only to work area above 40'.		
			<i>For Up To 100, Add</i>	0.35	
			<i>For &gt;100 To 250, Add</i>	0.17	
			<i>For &gt;250 To 500, Add</i>	0.07	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.09	
			<i>For &gt;20,000, Deduct</i>	-0.12	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
High-Performance Coatings	09 96	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0005 SF 1 Coat, 13 To 16 Wet Mills, Brush Work, Elastomeric Paint Applied To Walls And Floors.....	1.84	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.50	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.82	
For >100 To 250, Add	0.41	
For >250 To 500, Add	0.18	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.28	
For >20,000, Deduct	-0.37	
09 96 53 00-0006 SF 1 Coat, 13 To 16 Wet Mills, Brush/Roller Work, Elastomeric Paint Applied To Walls And Floors .....	1.70	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.30	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.42	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.71	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.34	
09 96 53 00-0007 SF 1 Coat, 13 To 16 Wet Mills, Sprayed, Elastomeric Paint Applied To Walls And Floors .....	1.78	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.20	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.28	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.57	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.27	
For >20,000, Deduct	-0.36	
09 96 53 00-0008 SF 1 Coat, 5.3 To 8 Wet Mills, Brush Work, Elastomeric Primer Applied To Ceilings And Overhead.....	1.04	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.49	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.69	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
09 96 53 00-0009 SF 1 Coat, 5.3 To 8 Wet Mills, Brush/Roller Work, Elastomeric Primer Applied To Ceilings And Overhead .....	0.89	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.30	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.41	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.58	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.18	

**09 Finishes****09 90 Painting and Coating****09 96 High-Performance Coatings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0010	SF		1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Ceilings And Overhead .....	0.69	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.40	
			<i>For &gt;100 To 250, Add</i>	0.19	
			<i>For &gt;250 To 500, Add</i>	0.08	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.10	
			<i>For &gt;20,000, Deduct</i>	-0.14	
09 96 53 00-0011	SF		1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Ceilings And Overhead .....	1.99	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.16	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.42	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.58	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.93	
			<i>For &gt;100 To 250, Add</i>	0.46	
			<i>For &gt;250 To 500, Add</i>	0.20	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.10	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.20	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.30	
			<i>For &gt;20,000, Deduct</i>	-0.40	
09 96 53 00-0012	SF		1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Ceilings And Overhead.....	1.82	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.35	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.48	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.80	
			<i>For &gt;100 To 250, Add</i>	0.40	
			<i>For &gt;250 To 500, Add</i>	0.18	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.09	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.18	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.27	
			<i>For &gt;20,000, Deduct</i>	-0.36	
09 96 53 00-0013	SF		1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Ceilings And Overhead.....	1.86	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.32	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.63	
			<i>For &gt;100 To 250, Add</i>	0.33	
			<i>For &gt;250 To 500, Add</i>	0.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.09	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.19	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.28	
			<i>For &gt;20,000, Deduct</i>	-0.37	
<b>09 96 56</b>			<b>Epoxy Coatings</b> <small>(09 96)</small>		
09 96 56 00-0001			High Build Epoxy <small>(09 96 56)</small>		
09 96 56 00-0002	SF		50 Mil, High Build Epoxy .....	3.80	
09 96 56 00-0003			Laminated Epoxy With Fiberglass <small>(09 96 56)</small>		
09 96 56 00-0004	SF		Laminated Epoxy With Fiberglass.....	6.08	
<b>09 96 66</b>			<b>Aggregate Wall Coatings</b> <small>(09 96)</small>		
09 96 66 00-0001			Troweled On <small>(09 96 66)</small>		
09 96 66 00-0002	SF		Exposed Aggregate - 1/16" To 1/4" - Troweled On .....	4.51	
09 96 66 00-0003	SF		Exposed Aggregate - 1/2" To 5/8" Troweled On .....	8.11	
09 96 66 00-0004	SF		Exposed Aggregate - 1" Troweled On.....	12.07	
09 96 66 00-0005			Sprayed On <small>(09 96 66)</small>		
09 96 66 00-0006	SF		Exposed Aggregate - 1/8" - Sprayed On.....	3.67	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
High-Performance Coatings	09 96	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 97 Special Coatings (09 90)

09 97 13 Steel Coatings (09 97)

09 97 13 23 Exterior Steel Coatings (09 97 13)

Note: Steel Structure Painting Council, SSPC; Surface Preparation, SP.

09 97 13 23-0001 Surface Preparation For Structural Steel (09 97 13 23)

Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.

09 97 13 23-0002 SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Structural Steel (09 97 13 23-0001)

Note: A Brush-Off Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust and loose paint. Tightly adherent mill scale, rust and paint may remain on the surface. Mill scale, rust and coating are considered adherent if they cannot be removed by lifting with a dull putty knife after abrasive blast cleaning has been performed. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP11

09 97 13 23-0003	SF	Type 1 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	1.07
		For Up To 100, Add	0.73
		For >100 To 250, Add	0.34
		For >250 To 500, Add	0.15
09 97 13 23-0004	SF	Type 2 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	0.95
		For Up To 100, Add	0.65
		For >100 To 250, Add	0.31
		For >250 To 500, Add	0.13
09 97 13 23-0005	SF	Type 3 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	0.94
		For Up To 100, Add	0.65
		For >100 To 250, Add	0.30
		For >250 To 500, Add	0.13
09 97 13 23-0006	SF	Up To 14" Diameter Pipe SP7 Brush Off Blast Cleaning Surface Preparation .....	1.34
		For Up To 100, Add	0.93
		For >100 To 250, Add	0.44
		For >250 To 500, Add	0.19

09 97 13 23-0007 SSPC SP6 Commercial Blast Cleaning Surface Preparation For Structural Steel (09 97 13 23-0001)

Note: A Commercial Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 33% of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP6/NACE 3 or ISO 8501-1 Sa 2.

09 97 13 23-0008	SF	Type 1 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	2.75
		For Up To 100, Add	1.93
		For >100 To 250, Add	0.91
		For >250 To 500, Add	0.39
09 97 13 23-0009	SF	Type 2 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	2.40
		For Up To 100, Add	1.67
		For >100 To 250, Add	0.79
		For >250 To 500, Add	0.34
09 97 13 23-0010	SF	Type 3 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	2.23
		For Up To 100, Add	1.55
		For >100 To 250, Add	0.73
		For >250 To 500, Add	0.31
09 97 13 23-0011	SF	Up To 14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation .....	3.45
		For Up To 100, Add	2.45
		For >100 To 250, Add	1.15
		For >250 To 500, Add	0.49

09 97 13 23-0012 SSPC SP5 White Metal Blast Cleaning Surface Preparation For Structural Steel (09 97 13 23-0001)

Note: A White Metal Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete Instructions, refer to Joint Surface Preparation Standard SSPC-SP5/NACE 1 or ISO 8501-1 Sa 3.

09 97 13 23-0013	SF	Type 1 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	5.35
		For Up To 100, Add	3.78
		For >100 To 250, Add	1.78
		For >250 To 500, Add	0.76
09 97 13 23-0014	SF	Type 2 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	4.58
		For Up To 100, Add	3.22
		For >100 To 250, Add	1.51
		For >250 To 500, Add	0.65
09 97 13 23-0015	SF	Type 3 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	4.22
		For Up To 100, Add	2.95
		For >100 To 250, Add	1.39
		For >250 To 500, Add	0.60

**09 Finishes**

**09 90 Painting and Coating**

**09 97 Special Coatings**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0016 SF Up To 14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation.....	6.44	
For Up To 100, Add	4.60	
For >100 To 250, Add	2.16	
For >250 To 500, Add	0.93	
<b>09 97 13 23-0017 SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Structural Steel</b> (09 97 13 23-0001)		
Note: A Near-White Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 5 percent of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP10/NACE 2 or ISO 8501-1 Sa 2.5.		
09 97 13 23-0018 SF Type 1 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation .....	3.99	
For Up To 100, Add	2.81	
For >100 To 250, Add	1.32	
For >250 To 500, Add	0.57	
09 97 13 23-0019 SF Type 2 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation .....	3.41	
For Up To 100, Add	2.39	
For >100 To 250, Add	1.12	
For >250 To 500, Add	0.48	
09 97 13 23-0020 SF Type 3 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation .....	3.22	
For Up To 100, Add	2.25	
For >100 To 250, Add	1.06	
For >250 To 500, Add	0.46	
09 97 13 23-0021 SF Up To 14" Diameter Pipe SP10 Near White Metal Blast Cleaning Surface Preparation .....	4.68	
For Up To 100, Add	3.35	
For >100 To 250, Add	1.57	
For >250 To 500, Add	0.68	
<b>09 97 13 23-0022 Protective Coatings For Tanks And Structural Steel</b> (09 97 13 23)		
Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.		
<b>09 97 13 23-0023 1.5 Mil Prime Coat For Structural Steel</b> (09 97 13 23-0022)		
09 97 13 23-0024 SF Spray Type 1 Structural Steel 1.5 Mil Prime Coat.....	1.07	
For Up To 100, Add	0.71	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
09 97 13 23-0025 SF Spray Type 2 Structural Steel 1.5 Mil Prime Coat.....	0.79	
For Up To 100, Add	0.51	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.11	
09 97 13 23-0026 SF Spray Type 3 Structural Steel 1.5 Mil Prime Coat.....	0.71	
For Up To 100, Add	0.45	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.09	
09 97 13 23-0027 SF Spray Up To 14" Diameter Pipe 1.5 Mil Prime Coat .....	1.28	
For Up To 100, Add	0.87	
For >100 To 250, Add	0.41	
For >250 To 500, Add	0.18	
09 97 13 23-0028 SF Brush Type 1 Structural Steel 1.5 Mil Prime Coat.....	1.55	
For Up To 100, Add	1.07	
For >100 To 250, Add	0.50	
For >250 To 500, Add	0.22	
09 97 13 23-0029 SF Brush Type 2 Structural Steel 1.5 Mil Prime Coat.....	1.14	
For Up To 100, Add	0.78	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.16	
09 97 13 23-0030 SF Brush Type 3 Structural Steel 1.5 Mil Prime Coat.....	1.02	
For Up To 100, Add	0.69	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
09 97 13 23-0031 SF Brush Up To 14" Diameter Pipe 1.5 Mil Prime Coat .....	1.86	
For Up To 100, Add	1.31	
For >100 To 250, Add	0.61	
For >250 To 500, Add	0.26	
<b>09 97 13 23-0032 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Structural Steel</b> (09 97 13 23-0022)		
09 97 13 23-0033 SF Spray Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats .....	3.13	
For Up To 100, Add	2.05	
For >100 To 250, Add	0.97	
For >250 To 500, Add	0.42	
09 97 13 23-0034 SF Spray Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats .....	2.27	
For Up To 100, Add	1.43	
For >100 To 250, Add	0.68	
For >250 To 500, Add	0.30	
09 97 13 23-0035 SF Spray Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats .....	2.11	
For Up To 100, Add	1.31	
For >100 To 250, Add	0.63	
For >250 To 500, Add	0.27	





<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Special Coatings	09 97	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97	13 23-0036	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	3.81	
			<i>For Up To 100, Add</i>	2.55	
			<i>For &gt;100 To 250, Add</i>	1.21	
			<i>For &gt;250 To 500, Add</i>	0.52	
09 97	13 23-0037	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.36	
			<i>For Up To 100, Add</i>	1.55	
			<i>For &gt;100 To 250, Add</i>	0.73	
			<i>For &gt;250 To 500, Add</i>	0.32	
09 97	13 23-0038	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.71	
			<i>For Up To 100, Add</i>	1.08	
			<i>For &gt;100 To 250, Add</i>	0.51	
			<i>For &gt;250 To 500, Add</i>	0.22	
09 97	13 23-0039	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.58	
			<i>For Up To 100, Add</i>	0.98	
			<i>For &gt;100 To 250, Add</i>	0.47	
			<i>For &gt;250 To 500, Add</i>	0.20	
09 97	13 23-0040	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.87	
			<i>For Up To 100, Add</i>	1.92	
			<i>For &gt;100 To 250, Add</i>	0.91	
			<i>For &gt;250 To 500, Add</i>	0.39	
09 97	13 23-0041	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	4.91	
			<i>For Up To 100, Add</i>	3.39	
			<i>For &gt;100 To 250, Add</i>	1.60	
			<i>For &gt;250 To 500, Add</i>	0.69	
09 97	13 23-0042	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	3.49	
			<i>For Up To 100, Add</i>	2.35	
			<i>For &gt;100 To 250, Add</i>	1.11	
			<i>For &gt;250 To 500, Add</i>	0.48	
09 97	13 23-0043	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	3.22	
			<i>For Up To 100, Add</i>	2.15	
			<i>For &gt;100 To 250, Add</i>	1.01	
			<i>For &gt;250 To 500, Add</i>	0.44	
09 97	13 23-0044	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	6.03	
			<i>For Up To 100, Add</i>	4.22	
			<i>For &gt;100 To 250, Add</i>	1.98	
			<i>For &gt;250 To 500, Add</i>	0.85	
09 97	13 23-0045	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	3.69	
			<i>For Up To 100, Add</i>	2.55	
			<i>For &gt;100 To 250, Add</i>	1.20	
			<i>For &gt;250 To 500, Add</i>	0.52	
09 97	13 23-0046	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.62	
			<i>For Up To 100, Add</i>	1.76	
			<i>For &gt;100 To 250, Add</i>	0.83	
			<i>For &gt;250 To 500, Add</i>	0.36	
09 97	13 23-0047	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.41	
			<i>For Up To 100, Add</i>	1.60	
			<i>For &gt;100 To 250, Add</i>	0.76	
			<i>For &gt;250 To 500, Add</i>	0.33	
09 97	13 23-0048	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	4.53	
			<i>For Up To 100, Add</i>	3.16	
			<i>For &gt;100 To 250, Add</i>	1.49	
			<i>For &gt;250 To 500, Add</i>	0.64	
<b>09 97</b>	<b>13 23-0049</b>		<b>Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Structural Steel</b> (09 97 13 23-0022)		
09 97	13 23-0050	SF	Spray Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	2.43	
			<i>For Up To 100, Add</i>	1.61	
			<i>For &gt;100 To 250, Add</i>	0.76	
			<i>For &gt;250 To 500, Add</i>	0.33	
09 97	13 23-0051	SF	Spray Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.99	
			<i>For Up To 100, Add</i>	1.29	
			<i>For &gt;100 To 250, Add</i>	0.61	
			<i>For &gt;250 To 500, Add</i>	0.27	
09 97	13 23-0052	SF	Spray Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.82	
			<i>For Up To 100, Add</i>	1.17	
			<i>For &gt;100 To 250, Add</i>	0.55	
			<i>For &gt;250 To 500, Add</i>	0.24	
09 97	13 23-0053	SF	Spray Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	3.01	
			<i>For Up To 100, Add</i>	2.04	
			<i>For &gt;100 To 250, Add</i>	0.96	
			<i>For &gt;250 To 500, Add</i>	0.41	
09 97	13 23-0054	SF	Spray Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.56	
			<i>For Up To 100, Add</i>	1.03	
			<i>For &gt;100 To 250, Add</i>	0.49	
			<i>For &gt;250 To 500, Add</i>	0.21	
09 97	13 23-0055	SF	Spray Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.27	
			<i>For Up To 100, Add</i>	0.83	
			<i>For &gt;100 To 250, Add</i>	0.39	
			<i>For &gt;250 To 500, Add</i>	0.17	
09 97	13 23-0056	SF	Spray Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.16	
			<i>For Up To 100, Add</i>	0.74	
			<i>For &gt;100 To 250, Add</i>	0.35	
			<i>For &gt;250 To 500, Add</i>	0.15	

**09 Finishes****09 90 Painting and Coating****09 97 Special Coatings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0057	SF		Spray Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.93	
			<i>For Up To 100, Add</i>	1.30	
			<i>For &gt;100 To 250, Add</i>	0.62	
			<i>For &gt;250 To 500, Add</i>	0.27	
09 97 13 23-0058	SF		Brush Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	3.51	
			<i>For Up To 100, Add</i>	2.42	
			<i>For &gt;100 To 250, Add</i>	1.14	
			<i>For &gt;250 To 500, Add</i>	0.49	
09 97 13 23-0059	SF		Brush Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	2.85	
			<i>For Up To 100, Add</i>	1.94	
			<i>For &gt;100 To 250, Add</i>	0.92	
			<i>For &gt;250 To 500, Add</i>	0.39	
09 97 13 23-0060	SF		Brush Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	2.60	
			<i>For Up To 100, Add</i>	1.75	
			<i>For &gt;100 To 250, Add</i>	0.83	
			<i>For &gt;250 To 500, Add</i>	0.36	
09 97 13 23-0061	SF		Brush Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	4.40	
			<i>For Up To 100, Add</i>	3.08	
			<i>For &gt;100 To 250, Add</i>	1.45	
			<i>For &gt;250 To 500, Add</i>	0.62	
09 97 13 23-0062	SF		Brush Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	2.24	
			<i>For Up To 100, Add</i>	1.54	
			<i>For &gt;100 To 250, Add</i>	0.73	
			<i>For &gt;250 To 500, Add</i>	0.31	
09 97 13 23-0063	SF		Brush Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.82	
			<i>For Up To 100, Add</i>	1.24	
			<i>For &gt;100 To 250, Add</i>	0.58	
			<i>For &gt;250 To 500, Add</i>	0.25	
09 97 13 23-0064	SF		Brush Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.66	
			<i>For Up To 100, Add</i>	1.12	
			<i>For &gt;100 To 250, Add</i>	0.53	
			<i>For &gt;250 To 500, Add</i>	0.23	
09 97 13 23-0065	SF		Brush Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	2.83	
			<i>For Up To 100, Add</i>	1.98	
			<i>For &gt;100 To 250, Add</i>	0.93	
			<i>For &gt;250 To 500, Add</i>	0.40	
<b>09 97 13 23-0066</b>			<b>2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Structural Steel</b> <small>(09 97 13 23-0022)</small>		
09 97 13 23-0067	SF		Spray Type 1 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	3.97	
			<i>For Up To 100, Add</i>	2.38	
			<i>For &gt;100 To 250, Add</i>	1.14	
			<i>For &gt;250 To 500, Add</i>	0.50	
09 97 13 23-0068	SF		Spray Type 2 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	2.90	
			<i>For Up To 100, Add</i>	1.63	
			<i>For &gt;100 To 250, Add</i>	0.79	
			<i>For &gt;250 To 500, Add</i>	0.34	
09 97 13 23-0069	SF		Spray Type 3 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	2.57	
			<i>For Up To 100, Add</i>	1.38	
			<i>For &gt;100 To 250, Add</i>	0.67	
			<i>For &gt;250 To 500, Add</i>	0.29	
09 97 13 23-0070	SF		Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	4.51	
			<i>For Up To 100, Add</i>	2.76	
			<i>For &gt;100 To 250, Add</i>	1.32	
			<i>For &gt;250 To 500, Add</i>	0.57	
09 97 13 23-0071	SF		Spray Type 1 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	2.78	
			<i>For Up To 100, Add</i>	1.67	
			<i>For &gt;100 To 250, Add</i>	0.80	
			<i>For &gt;250 To 500, Add</i>	0.35	
09 97 13 23-0072	SF		Spray Type 2 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	2.03	
			<i>For Up To 100, Add</i>	1.14	
			<i>For &gt;100 To 250, Add</i>	0.55	
			<i>For &gt;250 To 500, Add</i>	0.24	
09 97 13 23-0073	SF		Spray Type 3 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	1.80	
			<i>For Up To 100, Add</i>	0.97	
			<i>For &gt;100 To 250, Add</i>	0.47	
			<i>For &gt;250 To 500, Add</i>	0.21	
09 97 13 23-0074	SF		Spray Up To 14" Diameter Pipe Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	3.15	
			<i>For Up To 100, Add</i>	1.93	
			<i>For &gt;100 To 250, Add</i>	0.92	
			<i>For &gt;250 To 500, Add</i>	0.40	
<b>09 97 13 23-0075</b>			<b>2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Structural Steel</b> <small>(09 97 13 23-0022)</small>		
09 97 13 23-0076	SF		Spray Type 1 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats.....	4.25	
			<i>For Up To 100, Add</i>	2.42	
			<i>For &gt;100 To 250, Add</i>	1.17	
			<i>For &gt;250 To 500, Add</i>	0.51	
09 97 13 23-0077	SF		Spray Type 2 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats.....	3.16	
			<i>For Up To 100, Add</i>	1.67	
			<i>For &gt;100 To 250, Add</i>	0.81	
			<i>For &gt;250 To 500, Add</i>	0.36	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Special Coatings	09 97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0078 SF Spray Type 3 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats .....	2.83	
For Up To 100, Add	1.42	
For >100 To 250, Add	0.70	
For >250 To 500, Add	0.31	
09 97 13 23-0079 SF Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats .....	4.80	
For Up To 100, Add	2.80	
For >100 To 250, Add	1.35	
For >250 To 500, Add	0.59	
09 97 13 23-0080 SF Spray Type 1 Structural Steel Two 6 Mil High Build Epoxy Finish Coats.....	3.49	
For Up To 100, Add	1.99	
For >100 To 250, Add	0.96	
For >250 To 500, Add	0.42	
09 97 13 23-0081 SF Spray Type 2 Structural Steel Two 6 Mil High Build Epoxy Finish Coats.....	2.59	
For Up To 100, Add	1.37	
For >100 To 250, Add	0.67	
For >250 To 500, Add	0.29	
09 97 13 23-0082 SF Spray Type 3 Structural Steel Two 6 Mil High Build Epoxy Finish Coats.....	2.32	
For Up To 100, Add	1.16	
For >100 To 250, Add	0.57	
For >250 To 500, Add	0.25	
09 97 13 23-0083 SF Spray Up To 14" Diameter Pipe Two 6 Mil High Build Epoxy Finish Coats .....	3.94	
For Up To 100, Add	2.30	
For >100 To 250, Add	1.11	
For >250 To 500, Add	0.48	
<b>09 97 13 23-0084 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats</b>		
<b>For Structural Steel</b> <small>(09 97 13 23-0022)</small>		
09 97 13 23-0085 SF Spray Type 1 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	8.92	
For Up To 100, Add	5.21	
For >100 To 250, Add	2.50	
For >250 To 500, Add	1.09	
09 97 13 23-0086 SF Spray Type 2 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	6.76	
For Up To 100, Add	3.74	
For >100 To 250, Add	1.81	
For >250 To 500, Add	0.79	
09 97 13 23-0087 SF Spray Type 3 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	6.51	
For Up To 100, Add	3.56	
For >100 To 250, Add	1.73	
For >250 To 500, Add	0.76	
09 97 13 23-0088 SF Spray Up To 14" Diameter Pipe 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats .....	10.37	
For Up To 100, Add	6.27	
For >100 To 250, Add	3.00	
For >250 To 500, Add	1.30	
<b>09 97 13 23-0089 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Structural</b>		
<b>Steel</b> <small>(09 97 13 23-0022)</small>		
09 97 13 23-0090 SF Spray Type 1 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	4.69	
For Up To 100, Add	2.54	
For >100 To 250, Add	1.23	
For >250 To 500, Add	0.54	
09 97 13 23-0091 SF Spray Type 2 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	3.69	
For Up To 100, Add	1.80	
For >100 To 250, Add	0.89	
For >250 To 500, Add	0.39	
09 97 13 23-0092 SF Spray Type 3 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	3.53	
For Up To 100, Add	1.68	
For >100 To 250, Add	0.83	
For >250 To 500, Add	0.37	
09 97 13 23-0093 SF Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats .....	5.32	
For Up To 100, Add	2.98	
For >100 To 250, Add	1.44	
For >250 To 500, Add	0.63	
09 97 13 23-0094 SF Spray Type 1 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	3.70	
For Up To 100, Add	2.00	
For >100 To 250, Add	0.97	
For >250 To 500, Add	0.43	
09 97 13 23-0095 SF Spray Type 2 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	2.92	
For Up To 100, Add	1.42	
For >100 To 250, Add	0.70	
For >250 To 500, Add	0.31	
09 97 13 23-0096 SF Spray Type 3 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	2.78	
For Up To 100, Add	1.32	
For >100 To 250, Add	0.65	
For >250 To 500, Add	0.29	
09 97 13 23-0097 SF Spray Up To 14" Diameter Pipe Two 4 Mil High Build Vinyl Finish Coats.....	4.20	
For Up To 100, Add	2.35	
For >100 To 250, Add	1.14	
For >250 To 500, Add	0.50	
<b>09 97 13 23-0098 Two 8 Mil Coal Tar Epoxy Coats For Structural Steel</b> <small>(09 97 13 23-0022)</small>		

**09 Finishes****09 90 Painting and Coating****09 97 Special Coatings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0099 SF Spray Type 1 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	3.98	
For Up To 100, Add	2.43	
For >100 To 250, Add	1.16	
For >250 To 500, Add	0.51	
09 97 13 23-0100 SF Spray Type 2 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	3.23	
For Up To 100, Add	1.92	
For >100 To 250, Add	0.92	
For >250 To 500, Add	0.40	
09 97 13 23-0101 SF Spray Type 3 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	2.99	
For Up To 100, Add	1.74	
For >100 To 250, Add	0.84	
For >250 To 500, Add	0.36	
09 97 13 23-0102 SF Spray Up To 14" Diameter Pipe Two 8 Mil Coal Tar Epoxy Coats.....	4.92	
For Up To 100, Add	3.12	
For >100 To 250, Add	1.48	
For >250 To 500, Add	0.64	
<b>09 97 13 23-0103 One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Structural Steel</b> (09 97 13 23-0022)		
09 97 13 23-0104 SF Spray Type 1 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	3.84	
For Up To 100, Add	2.46	
For >100 To 250, Add	1.17	
For >250 To 500, Add	0.51	
09 97 13 23-0105 SF Spray Type 2 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.73	
For Up To 100, Add	1.65	
For >100 To 250, Add	0.79	
For >250 To 500, Add	0.34	
09 97 13 23-0106 SF Spray Type 3 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.32	
For Up To 100, Add	1.34	
For >100 To 250, Add	0.65	
For >250 To 500, Add	0.28	
09 97 13 23-0107 SF Spray Up To 14" Diameter Pipe One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat .....	4.39	
For Up To 100, Add	2.84	
For >100 To 250, Add	1.35	
For >250 To 500, Add	0.58	
<b>09 97 13 23-0108 One 3 Mil High Zinc Silicate Coat For Structural Steel</b> (09 97 13 23-0022)		
09 97 13 23-0109 SF Spray Type 1 Structural Steel One 3 Mil High Zinc Silicate Coat.....	2.06	
For Up To 100, Add	1.11	
For >100 To 250, Add	0.54	
For >250 To 500, Add	0.24	
09 97 13 23-0110 SF Spray Type 2 Structural Steel One 3 Mil High Zinc Silicate Coat.....	1.50	
For Up To 100, Add	0.72	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
09 97 13 23-0111 SF Spray Type 3 Structural Steel One 3 Mil High Zinc Silicate Coat.....	1.42	
For Up To 100, Add	0.66	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.15	
09 97 13 23-0112 SF Spray Up To 14" Diameter Pipe One 3 Mil High Zinc Silicate Coat .....	2.17	
For Up To 100, Add	1.17	
For >100 To 250, Add	0.57	
For >250 To 500, Add	0.25	
<b>09 97 13 23-0113 Two 1.5 Mil Vinyl Enamel Finish Coats For Structural Steel</b> (09 97 13 23-0022) Note: Installed over existing primer.		
09 97 13 23-0114 SF Spray Type 1 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats .....	3.16	
For Up To 100, Add	1.86	
For >100 To 250, Add	0.89	
For >250 To 500, Add	0.39	
09 97 13 23-0115 SF Spray Type 2 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats .....	2.59	
For Up To 100, Add	1.48	
For >100 To 250, Add	0.71	
For >250 To 500, Add	0.31	
09 97 13 23-0116 SF Spray Type 3 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats .....	2.26	
For Up To 100, Add	1.23	
For >100 To 250, Add	0.60	
For >250 To 500, Add	0.26	
09 97 13 23-0117 SF Spray Up To 14" Diameter Pipe Two 1.5 Mil Vinyl Enamel Finish Coats .....	3.69	
For Up To 100, Add	2.24	
For >100 To 250, Add	1.07	
For >250 To 500, Add	0.47	

**09 97 13 24 Steel Water Storage Tank Painting** (09 97 13)



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting and Coating	09 90	
Special Coatings	09 97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0001 Surface Preparation For Tanks <small>(09 97 13 24)</small> Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.		
09 97 13 24-0002 SSSP SP2 Or 3 Hand Or Power Tool Cleaning Surface Preparation For Tanks <small>(09 97 13 24-0001)</small>		
09 97 13 24-0003 SF Small Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation.....	1.59	
For Up To 100, Add	1.19	
For >100 To 250, Add	0.56	
For >250 To 500, Add	0.24	
09 97 13 24-0004 SF Large Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation.....	1.41	
For Up To 100, Add	1.06	
For >100 To 250, Add	0.49	
For >250 To 500, Add	0.21	
09 97 13 24-0005 SF Vessel/Tank Interior SP2/3 Hand Or Power Tool Cleaning Surface Preparation.....	2.00	
For Up To 100, Add	1.50	
For >100 To 250, Add	0.70	
For >250 To 500, Add	0.30	
09 97 13 24-0006 SSSP SP7 Brush Off Blast Cleaning Surface Preparation For Tanks <small>(09 97 13 24-0001)</small>		
09 97 13 24-0007 SF Small Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation .....	0.91	
For Up To 100, Add	0.62	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
09 97 13 24-0008 SF Large Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation .....	0.74	
For Up To 100, Add	0.51	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.10	
09 97 13 24-0009 SF Vessel/Tank Interior SP7 Brush Off Blast Cleaning Surface Preparation .....	1.27	
For Up To 100, Add	0.91	
For >100 To 250, Add	0.43	
For >250 To 500, Add	0.18	
09 97 13 24-0010 SSSP SP6 Commercial Blast Cleaning Surface Preparation For Tanks <small>(09 97 13 24-0001)</small>		
09 97 13 24-0011 SF Small Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation .....	2.23	
For Up To 100, Add	1.55	
For >100 To 250, Add	0.73	
For >250 To 500, Add	0.31	
09 97 13 24-0012 SF Large Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation .....	2.05	
For Up To 100, Add	1.41	
For >100 To 250, Add	0.67	
For >250 To 500, Add	0.29	
09 97 13 24-0013 SF Vessel/Tank Interior SP6 Commercial Blast Cleaning Surface Preparation .....	2.97	
For Up To 100, Add	2.10	
For >100 To 250, Add	0.99	
For >250 To 500, Add	0.42	
09 97 13 24-0014 SSSP SP5 White Metal Blast Cleaning Surface Preparation For Tanks <small>(09 97 13 24-0001)</small>		
09 97 13 24-0015 SF Small Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation.....	4.03	
For Up To 100, Add	2.81	
For >100 To 250, Add	1.32	
For >250 To 500, Add	0.57	
09 97 13 24-0016 SF Large Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation .....	3.85	
For Up To 100, Add	2.68	
For >100 To 250, Add	1.26	
For >250 To 500, Add	0.54	
09 97 13 24-0017 SF Vessel/Tank Interior SP5 White Metal Blast Cleaning Surface Preparation .....	5.58	
For Up To 100, Add	3.98	
For >100 To 250, Add	1.87	
For >250 To 500, Add	0.80	
09 97 13 24-0018 SSSP SP10 Near White Metal Blast Cleaning Surface Preparation For Tanks <small>(09 97 13 24-0001)</small>		
09 97 13 24-0019 SF Small Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation.....	3.21	
For Up To 100, Add	2.25	
For >100 To 250, Add	1.06	
For >250 To 500, Add	0.45	
09 97 13 24-0020 SF Large Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation.....	3.21	
For Up To 100, Add	2.25	
For >100 To 250, Add	1.06	
For >250 To 500, Add	0.45	
09 97 13 24-0021 SF Vessel/Tank Interior SP10 Near White Metal Blast Cleaning Surface Preparation.....	4.68	
For Up To 100, Add	3.35	
For >100 To 250, Add	1.57	
For >250 To 500, Add	0.68	



MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0022	<b>Protective Coatings For Tanks</b> <small>(09 97 13 24)</small> Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.		
09 97 13 24-0023	<b>1.5 Mil Prime Coat For Tanks</b> <small>(09 97 13 24-0022)</small>		
09 97 13 24-0024	SF Spray Small Vessel/Tank 1.5 Mil Prime Coat .....0.63 For Up To 100, Add 0.39 For >100 To 250, Add 0.19 For >250 To 500, Add 0.08		
09 97 13 24-0025	SF Spray Large Vessel/Tank 1.5 Mil Prime Coat .....0.51 For Up To 100, Add 0.30 For >100 To 250, Add 0.15 For >250 To 500, Add 0.06		
09 97 13 24-0026	SF Spray Tank Interior 1.5 Mil Prime Coat .....1.21 For Up To 100, Add 0.83 For >100 To 250, Add 0.39 For >250 To 500, Add 0.17		
09 97 13 24-0027	SF Brush Small Vessel/Tank 1.5 Mil Prime Coat .....0.88 For Up To 100, Add 0.58 For >100 To 250, Add 0.28 For >250 To 500, Add 0.12		
09 97 13 24-0028	SF Brush Large Vessel/Tank 1.5 Mil Prime Coat .....0.71 For Up To 100, Add 0.45 For >100 To 250, Add 0.22 For >250 To 500, Add 0.09		
09 97 13 24-0029	SF Brush Tank Interior 1.5 Mil Prime Coat .....1.77 For Up To 100, Add 1.25 For >100 To 250, Add 0.59 For >250 To 500, Add 0.25		
09 97 13 24-0030	<b>1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Tanks</b> <small>(09 97 13 24-0022)</small>		
09 97 13 24-0031	SF Spray Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats .....1.85 For Up To 100, Add 1.12 For >100 To 250, Add 0.54 For >250 To 500, Add 0.23		
09 97 13 24-0032	SF Spray Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats .....1.43 For Up To 100, Add 0.81 For >100 To 250, Add 0.39 For >250 To 500, Add 0.17		
09 97 13 24-0033	SF Spray Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats .....3.41 For Up To 100, Add 2.29 For >100 To 250, Add 1.08 For >250 To 500, Add 0.47		
09 97 13 24-0034	SF Spray Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....1.39 For Up To 100, Add 0.84 For >100 To 250, Add 0.40 For >250 To 500, Add 0.18		
09 97 13 24-0035	SF Spray Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....1.08 For Up To 100, Add 0.61 For >100 To 250, Add 0.30 For >250 To 500, Add 0.13		
09 97 13 24-0036	SF Spray Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....2.56 For Up To 100, Add 1.72 For >100 To 250, Add 0.81 For >250 To 500, Add 0.35		
09 97 13 24-0037	SF Brush Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats .....2.78 For Up To 100, Add 1.82 For >100 To 250, Add 0.86 For >250 To 500, Add 0.37		
09 97 13 24-0038	SF Brush Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats .....2.10 For Up To 100, Add 1.31 For >100 To 250, Add 0.63 For >250 To 500, Add 0.27		
09 97 13 24-0039	SF Brush Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats .....5.41 For Up To 100, Add 3.79 For >100 To 250, Add 1.78 For >250 To 500, Add 0.77		
09 97 13 24-0040	SF Brush Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....2.09 For Up To 100, Add 1.37 For >100 To 250, Add 0.65 For >250 To 500, Add 0.28		
09 97 13 24-0041	SF Brush Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....1.58 For Up To 100, Add 0.99 For >100 To 250, Add 0.47 For >250 To 500, Add 0.20		
09 97 13 24-0042	SF Brush Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....4.06 For Up To 100, Add 2.85 For >100 To 250, Add 1.34 For >250 To 500, Add 0.58		
09 97 13 24-0043	<b>Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Tanks</b> <small>(09 97 13 24-0022)</small>		



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Special Coatings	09 97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0044 SF Spray Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.65	
For Up To 100, Add	1.05	
For >100 To 250, Add	0.50	
For >250 To 500, Add	0.22	
09 97 13 24-0045 SF Spray Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.40	
For Up To 100, Add	0.86	
For >100 To 250, Add	0.41	
For >250 To 500, Add	0.18	
09 97 13 24-0046 SF Spray Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	3.54	
For Up To 100, Add	2.46	
For >100 To 250, Add	1.16	
For >250 To 500, Add	0.50	
09 97 13 24-0047 SF Spray Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.05	
For Up To 100, Add	0.67	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
09 97 13 24-0048 SF Spray Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	0.88	
For Up To 100, Add	0.54	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
09 97 13 24-0049 SF Spray Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats .....	2.26	
For Up To 100, Add	1.58	
For >100 To 250, Add	0.74	
For >250 To 500, Add	0.32	
09 97 13 24-0050 SF Brush Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	2.33	
For Up To 100, Add	1.56	
For >100 To 250, Add	0.74	
For >250 To 500, Add	0.32	
09 97 13 24-0051 SF Brush Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.96	
For Up To 100, Add	1.28	
For >100 To 250, Add	0.61	
For >250 To 500, Add	0.26	
09 97 13 24-0052 SF Brush Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	5.58	
For Up To 100, Add	4.07	
For >100 To 250, Add	1.90	
For >250 To 500, Add	0.82	
09 97 13 24-0053 SF Brush Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.49	
For Up To 100, Add	1.00	
For >100 To 250, Add	0.47	
For >250 To 500, Add	0.20	
09 97 13 24-0054 SF Brush Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	1.25	
For Up To 100, Add	0.82	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.17	
09 97 13 24-0055 SF Brush Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats .....	3.65	
For Up To 100, Add	2.62	
For >100 To 250, Add	1.23	
For >250 To 500, Add	0.53	
<b>09 97 13 24-0056 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Tanks</b> <small>(09 97 13 24-0022)</small>		
09 97 13 24-0057 SF Spray Small Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	2.37	
For Up To 100, Add	1.25	
For >100 To 250, Add	0.61	
For >250 To 500, Add	0.27	
09 97 13 24-0058 SF Spray Large Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	2.04	
For Up To 100, Add	1.00	
For >100 To 250, Add	0.49	
For >250 To 500, Add	0.22	
09 97 13 24-0059 SF Spray Small Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	1.67	
For Up To 100, Add	0.88	
For >100 To 250, Add	0.43	
For >250 To 500, Add	0.19	
09 97 13 24-0060 SF Spray Large Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	1.43	
For Up To 100, Add	0.70	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
<b>09 97 13 24-0061 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Tanks</b> <small>(09 97 13 24-0022)</small>		
09 97 13 24-0062 SF Spray Small Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats .....	2.62	
For Up To 100, Add	1.29	
For >100 To 250, Add	0.63	
For >250 To 500, Add	0.28	
09 97 13 24-0063 SF Spray Large Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats.....	2.29	
For Up To 100, Add	1.04	
For >100 To 250, Add	0.52	
For >250 To 500, Add	0.23	
09 97 13 24-0064 SF Spray Small Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats .....	2.15	
For Up To 100, Add	1.05	
For >100 To 250, Add	0.52	
For >250 To 500, Add	0.23	

<b>09</b>	<b>Finishes</b>
<b>09 90</b>	<b>Painting and Coating</b>
<b>09 97</b>	<b>Special Coatings</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0065 SF Spray Large Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats .....	1.88	
For Up To 100, Add	0.85	
For >100 To 250, Add	0.43	
For >250 To 500, Add	0.19	
<b>09 97 13 24-0066 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats</b>		
<b>For Tanks (09 97 13 24-0022)</b>		
09 97 13 24-0067 SF Spray Small Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats .....	6.27	
For Up To 100, Add	3.42	
For >100 To 250, Add	1.66	
For >250 To 500, Add	0.73	
09 97 13 24-0068 SF Spray Large Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats .....	5.78	
For Up To 100, Add	3.05	
For >100 To 250, Add	1.49	
For >250 To 500, Add	0.65	
09 97 13 24-0069 SF Spray Tank Interior 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats .....	9.58	
For Up To 100, Add	5.90	
For >100 To 250, Add	2.82	
For >250 To 500, Add	1.22	
<b>09 97 13 24-0070 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Tanks (09 97 13 24-0022)</b>		
09 97 13 24-0071 SF Spray Small Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	3.29	
For Up To 100, Add	1.60	
For >100 To 250, Add	0.79	
For >250 To 500, Add	0.35	
09 97 13 24-0072 SF Spray Large Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats .....	2.93	
For Up To 100, Add	1.33	
For >100 To 250, Add	0.67	
For >250 To 500, Add	0.30	
09 97 13 24-0073 SF Spray Tank Interior 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats .....	4.91	
For Up To 100, Add	2.82	
For >100 To 250, Add	1.36	
For >250 To 500, Add	0.59	
09 97 13 24-0074 SF Spray Small Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats.....	2.59	
For Up To 100, Add	1.26	
For >100 To 250, Add	0.62	
For >250 To 500, Add	0.28	
09 97 13 24-0075 SF Spray Large Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats.....	2.31	
For Up To 100, Add	1.05	
For >100 To 250, Add	0.53	
For >250 To 500, Add	0.23	
09 97 13 24-0076 SF Spray Tank Interior Two 4 Mil High Build Vinyl Finish Coats .....	3.88	
For Up To 100, Add	2.23	
For >100 To 250, Add	1.08	
For >250 To 500, Add	0.47	
<b>09 97 13 24-0077 Two 8 Mil Coal Tar Epoxy Coats For Tanks (09 97 13 24-0022)</b>		
09 97 13 24-0078 SF Spray Small Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats.....	2.96	
For Up To 100, Add	1.73	
For >100 To 250, Add	0.83	
For >250 To 500, Add	0.36	
09 97 13 24-0079 SF Spray Large Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats .....	2.47	
For Up To 100, Add	1.37	
For >100 To 250, Add	0.66	
For >250 To 500, Add	0.29	
09 97 13 24-0080 SF Spray Tank Interior Two 8 Mil Coal Tar Epoxy Coats .....	3.78	
For Up To 100, Add	2.35	
For >100 To 250, Add	1.12	
For >250 To 500, Add	0.49	
<b>09 97 13 24-0081 One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Tanks (09 97 13 24-0022)</b>		
09 97 13 24-0082 SF Spray Small Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.05	
For Up To 100, Add	1.15	
For >100 To 250, Add	0.56	
For >250 To 500, Add	0.24	
09 97 13 24-0083 SF Spray Large Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	1.88	
For Up To 100, Add	1.03	
For >100 To 250, Add	0.50	
For >250 To 500, Add	0.22	
09 97 13 24-0084 SF Spray Tank Interior One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	3.12	
For Up To 100, Add	1.96	
For >100 To 250, Add	0.93	
For >250 To 500, Add	0.40	
<b>09 97 13 24-0085 Two 6 Mil High Build Epoxy Finish Coats For Tanks Interior (09 97 13 24-0022)</b>		





<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Special Coatings	09 97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0086 SF Spray Small Tank Interior Two 6 Mil High Build Epoxy Finish Coats.....	4.50	
For Up To 100, Add	2.66	
For >100 To 250, Add	1.28	
For >250 To 500, Add	0.56	
09 97 13 24-0087 SF Spray Large Tank Interior Two 6 Mil High Build Epoxy Finish Coats.....	2.75	
For Up To 100, Add	1.41	
For >100 To 250, Add	0.69	
For >250 To 500, Add	0.30	
<b>09 97 13 24-0088 One 3 Mil High Zinc Silicate Coat For Tanks (09 97 13 24-0022)</b>		
09 97 13 24-0089 SF Spray Small Vessel/Tank One 3 Mil High Zinc Silicate Coat.....	1.31	
For Up To 100, Add	0.59	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
09 97 13 24-0090 SF Spray Large Vessel/Tank One 3 Mil High Zinc Silicate Coat.....	1.28	
For Up To 100, Add	0.57	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
09 97 13 24-0091 SF Spray Tank Interior One 3 Mil High Zinc Silicate Coat.....	2.06	
For Up To 100, Add	1.16	
For >100 To 250, Add	0.56	
For >250 To 500, Add	0.24	
<b>09 97 13 24-0092 Two 1.5 Mil Vinyl Enamel Finish Coats For Tanks (09 97 13 24-0022)</b>		
Note: Installed over existing primer.		
09 97 13 24-0093 SF Spray Small Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats.....	2.16	
For Up To 100, Add	1.17	
For >100 To 250, Add	0.57	
For >250 To 500, Add	0.25	
09 97 13 24-0094 SF Spray Large Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats.....	1.91	
For Up To 100, Add	0.98	
For >100 To 250, Add	0.48	
For >250 To 500, Add	0.21	
09 97 13 24-0095 SF Spray Tank Interior Two 1.5 Mil Vinyl Enamel Finish Coats.....	2.98	
For Up To 100, Add	1.79	
For >100 To 250, Add	0.86	
For >250 To 500, Add	0.37	
<b>09 97 13 24-0096 One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat For Tanks (09 97 13 24-0022)</b>		
09 97 13 24-0097 SF Spray/Mop Large Vessel/Tank One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat.....	7.82	
For Up To 100, Add	4.95	
For >100 To 250, Add	2.35	
For >250 To 500, Add	1.02	
<b>09 97 26 Cementitious Coatings (09 97)</b>		
<b>09 97 26 13 Interior Cementitious Coatings (09 97 26)</b>		
09 97 26 13-0001 Ceramic-Like Glazed Coating (09 97 26 13)		
09 97 26 13-0002 Ceramic-Like Glazed Coating, Cementitious (09 97 26 13-0001)		
09 97 26 13-0003 SF Ceramic-like Glazed Coating. - Cementitious.....	3.16	
09 97 26 13-0004 Ceramic-Like Glazed Coating, Resin Base (09 97 26 13-0001)		
09 97 26 13-0005 SF Ceramic-like Glazed Coating - Resin.....	2.62	
<b>09 97 35 Dry Erase Coatings (09 97)</b>		
09 97 35 00-0001 Dry-Erase Paint (09 97 35)		
09 97 35 00-0002 Dry-Erase Paint (IdeaPaint™ PRO) (09 97 35 00-0001)		
09 97 35 00-0003 SF Dry-Erase Paint (IdeaPaint™ PRO), Applied With Roller.....	10.97	
Note: Includes two coats of primer and white, white sand, light beige or light gray surface.		
09 97 35 00-0004 Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE) (09 97 35 00-0001)		
09 97 35 00-0005 SF Clear, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller.....	5.95	
Note: For application over existing latex-based top coats.		
09 97 35 00-0006 SF Black Or White, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller.....	11.68	
Note: Includes two coats of primer and white or black surface coat.		
<b>09 97 63 Special Coatings and Protection Systems (09 97)</b>		
09 97 63 00-0001 Acrylic Glazed Coating (09 97 63)		
09 97 63 00-0002 SF Acrylic Glazed Coating.....	2.02	

<b>09</b>	<b>09</b>	<b>Finishes</b>
	09 90	Painting and Coating
	09 97	Special Coatings



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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