# **RCT Express**

Exterior Walls Reference Guide

Version 4.x

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#### **Exterior Walls**

Use exterior wall materials to define the exterior wall construction, exterior wall finishes, columns, balconies, and specialty items like skirting and trim/molding.

Framing	Enter the total percentage of each type of exterior framing found in the home. <b>Note</b> : Enter a per- centage between 0 and 100. If some or all of the exterior walls are frame exterior walls, then the framing types must total 100%. If all of the exterior walls are masonry, then there should be no entry for Framing.
Exterior Frame Walls	Enter the total percentage of each type of finish found on the exterior frame walls in the home.
Masonry Walls	Enter the total percentage of each type of exterior masonry wall found in the home.
Wall Specialties	Enter the total square footage or linear footage of the exterior wall specialty items like skirting and trim/molding.
<u>Columns</u>	Enter the total linear footage of each type of column found in the home.
Balconies	Enter the total square footage of each type of balcony found in the home.

#### Framing

The available choices for exterior wall framing are listed below.

Note: Enter a percentage between 0 and 100.

If some or all of the exterior walls are frame exterior walls, then the framing types must total 100%. If all of the exterior walls are masonry, then there should be no entry for Framing.

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### **Concrete Forms, Stay-In-Place**

A framing system that creates a continuous outer wall that supports the structure. Also known as ICF (insulated concrete form), the wall is constructed of polystyrene forms that stay in place as a permanent part of the wall assembly and are filled with reinforcing material and concrete.

Enter a percentage between 0 and 100.

If some or all of the exterior walls are frame exterior walls, then the framing types must total 100%

### Framing, Rough Lumber, 2" x 4"

A framing system in which the framing is of full dimensional, rough-cut lumber. The lumber has been cut to rough size, but has not been dressed or surfaced. Rough cut lumber is true to size. A 2" x 4" stud is actually 2" x 4", as opposed to modern standard framing lumber, where a 2" x 4" stud is  $1 \frac{1}{2}$ " x  $3 \frac{1}{2}$ ".

Included in Cost: Rough cut, 2" x 4" framing lumber (studs and blocking), bracing, rough hewn top and sill plates, fasteners, and installation labor.

Enter a percentage between 0 and 100.

If some or all of the exterior walls are frame exterior walls, then the framing types must total 100%

## Framing, Rough Lumber, 2" x 6"

A framing system in which the framing is of full dimensional, rough-cut lumber. The lumber has been cut to rough size, but has not been dressed or surfaced. Rough cut lumber is true to size. A 2" x 6" stud is actually 2" x 6", as opposed to modern standard framing lumber, where a 2" x 6" stud is 1  $\frac{1}{2}$ " x 5  $\frac{1}{2}$ ".

Included in Cost: Rough cut 2" X 6" framing lumber (studs and blocking), bracing, rough hewn top and sill plates, fasteners, and installation labor.

Enter a percentage between 0 and 100.

If some or all of the exterior walls are frame exterior walls, then the framing types must total 100%

### **Post and Beam**

A framing system in which floor members or beams rest on vertical members or posts rather than on bearing walls. The pieces are connected with any number of methods (screws, nails, throughbolts, mortise and tenon joinery, or joist hangers. This framing allows for the creation of large, unobstructed interior spaces.

Included in Cost: Wood beams, wood posts, bracing, blocking, top and sill plates, fasteners, and installation labor.

Enter a percentage between 0 and 100.

If some or all of the exterior walls are frame exterior walls, then the framing types must total 100%

### **Structural Insulated Panels**

Structural insulated panels are typically made using expanded polystyrene or polyisocyanurate rigid foam insulation, sandwiched between two structural skins of oriented strand board (OSB) or plywood. The engineered panel provides structural framing, insulation, and exterior sheathing in a solid, one-piece component.

Included in Cost: Stay-in-place fire retardant polystyrene concrete forms with interlocking tongues and grooves, wood studs, top and bottom plates, bracing, expanded foam insulation fasteners, and installation labor.

Enter the percentage, between 0 and 100, of home with structural insulated panel exterior wall framing.

If some or all of the exterior walls are frame exterior walls, then the framing types must total 100%

### Stud, Steel

A vertical and/or horizontal, steel stud support member in a frame wall that is designed to be used in framing building walls.

Included in Cost: Load bearing galvanized steel studs, corner studs, galvanized floor and ceiling tracks/runners (metal top and sill plates), bracing, fasteners, and installation labor.

Enter a percentage between 0 and 100.

If some or all of the exterior walls are frame exterior walls, then the framing types must total 100%

### Stud, 2" x 3" (Exterior Walls)

A vertical and/or horizontal, 2" x 3" wood stud support member in a frame wall that is designed to be used in framing building walls.

Note: This option is only available for Mobile-Manufactured Housing (MMH).

Included in Cost: 2" x 3" wood studs, bracing, blocking, top and sill plates, fasteners, and installation labor.

Enter a percentage between 0 and 100.

If some or all of the exterior walls are frame exterior walls, then the framing types must total 100%

## Stud, 2" x 4"

A vertical and/or horizontal, 2" x 4" wood stud support member in a frame wall that is designed to be used in framing building walls.

Included in Cost: 2" x 4" wood studs, bracing, blocking, top and sill plates, fasteners, and installation labor.

Enter a percentage between 0 and 100.

If some or all of the exterior walls are frame exterior walls, then the framing types must total 100%

## Stud, 2" x 6"

A vertical and/or horizontal, 2" x 6" wood stud support member in a frame wall that is designed to be used in framing building walls.

Included in Cost: 2"x 6" wood studs, bracing, blocking, top and sill plates, fasteners, and installation labor.

Enter a percentage between 0 and 100.

If some or all of the exterior walls are frame exterior walls, then the framing types must total 100%

### Stud, 2" x 8" (Exterior Walls)

A vertical and/or horizontal, 2" x 8" wood stud support member in a frame wall that is designed to be used in framing building walls.

Included in Cost: 2"x 8" wood studs, bracing, blocking, top and sill plates, fasteners, and installation labor.

Enter a percentage between 0 and 100.

If some or all of the exterior walls are frame exterior walls, then the framing types must total 100%

## Stud, 2" x 10"

A vertical and/or horizontal, 2" x 10" wood stud support member in a frame wall that is designed to be used in framing building walls.

Included in Cost: 2"x 10" wood studs, bracing, blocking, top and sill plates, fasteners and installation labor.

## Stud, 2" x 12"

A vertical and/or horizontal, 2" x 12" wood stud support member in a frame wall that is designed to be used in framing building walls.

Included in Cost: 2"x 12" wood studs, bracing, blocking, top and sill plates, fasteners and installation labor.

#### **Exterior Frame Walls**

The different choices available for exterior frame wall materials are listed below. Click a graphic to display a popup description. Click the name to go to a full page description.

Note: Enter a percentage between 0 and 100.

If some or all of the exterior walls are frame exterior walls, then the framing types must total 100%. If all of the exterior walls are masonry, then there should be no entry for Framing.

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## Siding, Cement Fiber



Siding that is constructed of cement, sand, cellulose fiber, and minerals. Usually found in 5/16" thick sheets that are 12' long and 5" to 12" wide. The siding is laid in overlapping layers on the exterior frame and usually nailed to the sheathing over a layer of vapor barrier. Cement fiber siding typically resembles traditional clapboard or lap style wood siding.

**Note**: This siding material is designed to complement the current cement fiber shingles material and should be used for cement fiber lap and clapboard style siding and not for cement fiber shingles. You should use the cement fiber shingle material selection in RCT for cement fiber shingles.

Included in Cost: Cement fiber siding, nails, exterior trim, paint, vapor barrier, flashing, caulking, insulation, and factory installation labor.

### Shakes, Wood



Wood shakes (with regular, irregular, or thatched butts) laid in overlapping layers on the exterior frame. Most bundles of shakes are furnished in random widths and applied over spaced sheathing and vapor barrier. Shakes are typically cedar. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Includes mostly clear grade wood, which contains no knots.

Included in Cost: Cedar wood shakes, exterior trim, vapor barrier, flashing, caulking, stain, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

## Siding, Plywood Only



Exterior grade plywood panels installed over the exterior frame and painted. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Exterior grade 5/8" plywood, vapor barrier, trim, flashing, caulking, paint, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

### **Brick on Frame**



Veneer face brick attached to a wood or metal stud frame structure using corrugated steel wall ties. The brick provides ornamentation only, not structural support for the building. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include custom coloring.

Included in Cost: Face brick, flashing, wall ties, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.



## **Shingles, Cement Fiber**

Constructed of cement, sand, cellulose fiber, and minerals, the shingles are formed into ¼" thick sheets, usually 18" long and 6" to 12" wide, and then laid in overlapping layers on the exterior frame. They are usually nailed to the sheathing over a layer of vapor barrier. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Cement fiber shingles, exterior trim, paint, vapor barrier, flashing, caulking, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows, which you must add using the materials on the Exterior Features page.

## Siding, Steel



Lap or bevel steel siding laid either horizontally or vertically over the exterior wall. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Steel siding, vapor barrier, trim, flashing, caulking, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.



### **Brick on Frame, Custom**

High quality veneer face brick attached to a wood or metal stud frame structure using corrugated steel wall ties. The brick provides ornamentation only, not structural support for the building. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include custom coloring.

Included in Cost: High quality face brick, flashing, wall ties, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also, not included are exterior doors and windows.

### **Shingles**, Pine



New England pine shingles laid in overlapping layers on the exterior frame. Most bundles of shingles are furnished in random widths and applied over sheathing and vapor barrier. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include high quality custom cut shingles.

Included in Cost: New England pine shingles, exterior trim, vapor barrier, flashing, caulking, stain, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.



A registered trade name for siding panels with a special surface treatment such as saw texture and with grooves spaced regularly across the face. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: T-111 plywood siding, exterior trim, vapor barrier, trim, flashing, caulking, paint, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

### **Brownstone on Frame**



4" thick, dark brown or reddish-brown stone veneer, set in mortar and applied over a wood frame. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. It is found mainly in the eastern United States.

Included in Cost: Brownstone veneer, flashing, wall ties, wire mesh, mortar, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also, not included are exterior doors and windows.

## Siding, Aluminum



Lap or bevel aluminum siding laid either horizontally or vertically over the exterior wall. The aluminum is manufactured to appear like other exterior walls materials, such as wood or clapboard siding. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include custom coloring or texturing.

Included in Cost: Aluminum siding, trim, vapor barrier, flashing, caulking, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

## Siding, Vinyl



High quality, lap or bevel, non-insulated, solid vinyl siding laid either horizontally or vertically over the exterior wall framing. Vinyl siding is intended to imitate the look of wood lap siding. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Non-insulated solid vinyl siding, trim, vapor barrier, flashing, caulking, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

### **EIFS on Frame**



Exterior Insulation and Finish System (EIFS) is an exterior wall coating system that resembles stucco. It incorporates a substrate covered with a foam insulation board, a reinforcing mesh, a base coat, and a finish coat of synthetic stucco material applied to a stud frame wall. Common trade names for this type of wall are Dryvit, Insul-Crete, R-Wall, Powerwall, and Sure-Wall. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Mastic adhesive and/or mechanical attachment, 4" expanded polystyrene foam insulation board, reinforcing mesh, synthetic stucco base coat, acrylic polymer top coat, flashing, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.



## Siding, Barn Plank

Rough-cut wood plank siding, 1" x 8", installed vertically over the exterior wall. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include mostly clear grade wood, which contains no knots.

Included in Cost: Barn plank siding, exterior trim, vapor barrier, flashing, caulking, paint, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

## Siding, Vinyl, Custom



High quality, lap or bevel, insulated, solid vinyl siding laid either horizontally or vertically over the exterior wall framing. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: High quality, insulated, solid vinyl siding, trim, vapor barrier, flashing, caulking, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.
# **Faux Panel**



Man-made exterior wall panels made of polyurethane, PVC or other polymer materials, made to look like brick or stone that is attached to a frame structure using mechanical fasteners and sealant. The faux panels provide ornamentation to the exterior of the structure only, not support for the structure. The faux panels are made from molds of real brick or stone. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include custom coloring.

Included in Cost: Faux panels, caulking/sealant, fasteners, scaffolding where needed and installation labor.

Not Included in Cost: Framing, which you must add using the Framing materials. When some or all of the Exterior Wall in a section is a Frame Exterior Wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows, which you must add using the material on the Exterior Features page.



# Siding, Barn Plank, Custom

Custom milled 1 <sup>1</sup>/<sub>4</sub>" x 12" barn wood plank siding, installed vertically over the exterior wall. Colors are generally faded red, silver gray, or rare and unusual rich brown. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include mostly clear grade wood, which contains no knots.

Included in Cost: Custom milled barn plank siding, exterior trim, vapor barrier, flashing, caulking, paint, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

# Siding, Wood



Tongue & groove, lap or bevel wood siding laid either horizontally or vertically over the exterior wall. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include mostly clear grade wood, which contains no knots.

Included in Cost: 1" x 6" tongue & groove wood siding, exterior trim, vapor barrier, flashing, caulking, paint, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

### Faux Panel, Custom



High quality man-made exterior wall panels made of polyurethane, PVC or other polymer materials, made to look like high quality brick or stone that is attached to a frame structure using mechanical fasteners and sealant. The faux panels provide ornamentation to the exterior of the structure only, not support for the structure. The faux panels are made from molds of real brick or stone. Panels may have custom designs, patterns or layout for a high quality appearance. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include custom coloring.

Included in Cost: High quality faux panels, caulking/sealant, fasteners, scaffolding where needed and installation labor.

Not Included in Cost: Framing, which you must add using the Framing materials. When some or all of the Exterior Wall in a section is a Frame Exterior Wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows, which you must add using the material on the Exterior Features page.

# Siding, Clapboard



Clapboard wood siding applied horizontally with the grain running lengthwise over the exterior wall. The quarter-sawn boards taper in thickness for overlapping with the thickest section of the board on the bottom. Clapboard is common in the Northeastern United States. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include mostly clear grade wood, which contains no knots.

Included in Cost: Wood siding, exterior trim, vapor barrier, flashing, caulking, paint, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

# Siding, Wood, Custom



Rough sawn cedar tongue & groove lap or bevel wood siding laid either horizontally or vertically over the exterior wall. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include mostly clear grade wood, which contains no knots.

Included in Cost: 1" x 6" rough sawn cedar tongue & groove wood siding, exterior trim, vapor barrier, flashing, caulking, paint, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

# **Fieldstone on Frame**



4" thick, natural, irregular stone facing applied over a wood frame. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: 4" thick natural, irregular stone veneer facing, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

# Siding, Clapboard, Redwood



Redwood siding applied horizontally with the grain running lengthwise over the exterior wall. The quarter-sawn boards taper in thickness for overlapping with the thickest section of the board on the bottom. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include mostly clear grade wood, which contains no knots.

Included in Cost: Redwood siding, exterior trim, vapor barrier, flashing, caulking, stain, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

#### **Stone on Frame**



Stone veneer such as granite, fieldstone, or limestone that is either found or quarried locally then mortared together and anchored to a frame wall. The stone provides ornamentation only, not structural support for the building. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include custom texturing and coloring.

Included in Cost: 4" locally quarried stone veneer, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

# **Greenhouse Wall**



A complete wall system, usually curved or sloped at the top, that consists of an aluminum frame and insulated safety glass. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Aluminum window frame, insulated safety glass, fasteners, caulking, and installation labor.

Not Included in Cost: Exterior wall framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100% and exterior doors and windows.

# Siding, Hardboard



A composite lap or bevel hardboard siding laid either horizontally or vertically over the exterior wall. Hardboard is a composite of pressed wood fiber or wood fibers bonded with resins formed into a particular pattern or shape under heat and pressure. Also, popularly known as Masonite. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Hardboard wood siding, exterior trim, vapor barrier, flashing, caulking, paint, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

### Stone on Frame, Custom



Stone veneer such as granite fieldstone or limestone that is imported, quarried, or found in an area other than where it is being used, then mortared together and anchored to a frame wall. It may also have had extensive sand-sawed cutting and sizing done. The stone provides ormamentation only, not structural support for the building. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: 4" imported stone veneer with sand-sawed finish, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.



### Half-Timber and Brick on Frame

Custom glazed face brick and cedar trim attached to a wood or metal stud frame structure using wall ties and fasteners. The brick provides ornamentation only, not structural support for the building. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Custom glazed brick veneer, cedar trim with 2 coats paint, flashing, wall ties, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

# Siding, Logs



Exterior walls made of stacked 8" to 12" diameter logs, which are attached to load bearing exterior frame walls. The space between each log is caulked to form a weather tight seal. The logs could be any species of wood. The logs could be full or half log, machined or hand cut, and be of any design profile such as but not limited to coped, "D" profile, double "D" profile, or tongue and groove. Assumes exterior wall design attributes such as numerous corners, window and door shapes, and openings typical of high value homes.

**Note**: Log Siding should not be mistaken as true log construction, which typically has solid log exterior walls with the log visible on the interior and exterior of the home, including log partitions and other features used to construction a true solid log home.

Included in Cost: Log wall, exterior trim, caulking, insulation, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

Enter the percentage, between 0 and 100, of log siding exterior walls.



#### **Stone on Frame, Polished Face**

A smooth, polished stone veneer facing such as granite, that is mortared together and anchored to a frame wall. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: 4" granite stone veneer with polished face, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

### Half-Timber and Stucco on Frame



Exterior wall made of a wood frame with stucco and cedar trim. A cement plaster used as an exterior wall surface finish that is usually applied to metal lath attached to a stud wall base, with a cedar trim. The plaster consists of Portland cement, lime, sand and water. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Stucco, stucco netting, cedar trim, 2 coats of paint, flashing, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

# Siding, Logs, Custom



Exterior walls made of stacked 8" to 12" diameter custom cut logs, which are attached to load bearing exterior frame walls. The space between each log is caulked to form a weather tight seal. The logs could be any species of wood. The logs could be full or half log, machined, hand cut, or hand peeled. The logs are custom cut, could include any design profile such as but not limited to coped, "D" profile, double "D" profile, or tongue and groove, or a custom design. The custom cut-ting and/or design results in a higher cost than standard log siding. Assumes exterior wall design attributes such as numerous corners, window and door shapes, and openings typical of high value homes.

**Note**: Custom Log Siding should not be mistaken as true log construction, which typically has solid log exterior walls with the log visible on the interior and exterior of the home, including log partitions and other features used to construction a true solid log home.

Included in Cost: Custom log wall, exterior trim, caulking, insulation, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

Enter the percentage, between 0 and 100, of custom log siding exterior walls.



#### Stone on Frame, Sawn Face

4" thick sawn face stone veneer mortared together and anchored to a frame wall. Sawn face stone veneer is a stone veneer that has been cut from a block with a saw rather than peeled, sliced, or split. It generally has a rough surface, is more solid, and is more costly to produce. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: 4" sawn face stone veneer, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.



# **Limestone on Frame**

4" thick limestone (sedimentary rock composed mostly of calcium carbonate) veneer facing applied over a wood frame with sheathing and insulation. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: 4" thick limestone veneer facing, reinforcing, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

### Siding, Logs, Deluxe, Half-Round



Walls made of stacked 8" x 8" half-round log veneer with full corners. The space between each log is caulked to form a weathertight seal. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Insulated exterior wall kit, 8" x 8" half-round log veneer, exterior trim, flashing, caulking, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

#### Stone on Frame, Seam Face



4" thick seam faced stone veneer mortared together and anchored to a frame wall. Seamed faced stone refers to the natural bed face of quarried stone, which provides a rustic and natural look. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: 4" seam face stone veneer, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

# **Sandstone on Frame**



4" thick sandstone (sedimentary rock composed mostly of sand grains) veneer facing applied over a wood frame. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: 4" thick sandstone veneer facing, reinforcing, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

### Siding, Logs, Deluxe, Hand-Hewn



Walls made of stacked 8" x 8" log veneer with rustic, hand-cut finishes and full corners. The space between each log is caulked to form a weathertight seal. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Insulated exterior wall kit, 8" x 8" hand-hewn log veneer, exterior trim, flashing, caulking, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

### Stone on Frame, Split Rock



4" thick split rock stone veneer mortared together and anchored to a frame wall. Split rock stones refer to rock that has been split off a block rather than sawn. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: 4" split rock stone veneer, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

### Shakes, Victorian Scalloped



Wood shakes split from a bolt of wood, cut into the scalloped shape, and installed in an overlapping pattern over the exterior frame. Typically found in Victorian homes. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Victorian scalloped shakes, exterior trim, vapor barrier, flashing, caulking, stain, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

### Siding, Logs, Deluxe, Oversized



Walls made of stacked 6" x 12" oversized log veneer with full corners. The space between each log is caulked to form a weathertight seal. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Insulated exterior wall kit, 6" x 12" log veneer, exterior trim, flashing, caulking, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

### **Stucco on Frame**



A cement plaster system used as an exterior wall surface finish that is usually applied to metal lath attached to a stud wall base. The plaster consists of Portland cement, lime, sand and water. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Stucco 2 coats, netting/metal lath, flashing, caulking, paint, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.



# Siding, Vinyl Shake Shingle

High quality, solid vinyl shake/shingle siding panels laid either horizontally or vertically over the exterior wall framing. The vinyl siding panels are intended to imitate the look of wood shakes or shingles. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings when installing exterior wall materials. Can also include custom colors.

Included in Cost: Non-insulated solid vinyl shake/shingle siding panels, trim, vapor barrier, flashing, caulking, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the Framing materials. When some or all of the Exterior Wall in a section is a Frame Exterior Wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows, which you must add on the Materials panel under Exterior Extras.

Enter a percentage, between 0 and 100, of vinyl shake/shingle siding exterior walls.

### **Breezeway Wall**



A wood screen wall constructed with lattice, posts and screen panel that serves as a breezeway wall. Assumes partition design attributes such as numerous angles, corners, openings, arches and other intricate design configurations typical of high-value homes. Includes additional corners, fenestration, and unique window and door openings when installing exterior wall materials.

Included in Cost: Wood posts, framing, lattice, screen panel, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the Framing materials. When some or all of the Exterior Wall in a section is a Frame Exterior Wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows, which you must add using the materials under Exterior Features.

### Stucco on Frame, Custom



A high quality, painted, cement plaster system used as an exterior wall surface finish that is usually applied to metal lath attached to a stud wall base. The plaster consists of Portland cement, lime, sand, and water. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Stucco 3 coats, netting/metal lath, flashing, caulking, paint, scaffolding where needed, and installation labor.

Not Included in Cost: Framing, which you must add using the framing materials. When some or all of the exterior wall in a section is a frame exterior wall, you must also enter framing materials totaling 100%. Also not included are exterior doors and windows.

#### **Masonry Walls**

The available exterior masonry wall materials are listed below. Click a graphic to display a popup description. Click the name to go to a full page description.

Enter the percentage of each exterior masonry wall material found on the home. Enter a percentage between 0 and 100.

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on page 72		Brick on Masonry"
		on page 74
"Stone, Solid, 12""	"Adobe, Brick on	"Limestone on
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"Stone, Solid, 12",	"Granite on	"Marble on
Custom" on	Masonry" on	Masonry" on
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"Stone, Solid, 18""		
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"Stone, Solid, 18", Custom" on page 84	"Brick on Masonry, Custom" on page 85	"Masonry, Plastered" on page 86
"Aluminum on Masonry" on page 87	"Brick, Solid" on page 88	"Sandstone on Masonry" on page 89
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"Cement Fiber Sid- ing on Masonry" on page 93	"Brownstone on Masonry" on page 94	"Split Rock on Masonry" on page 95
"Clapboard on Masonry" on page 96	"Brownstone, Solid" on page 97	"Stone on Masonry" on page 98

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Shingle on	Painted" on	Masonry, Sawn
Masonry" on	page 103	Face" on page 104
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"Logs, Solid" on	"Concrete, Poured-	"Stone on
page 105	In-Place, 4" to 6"" on	Masonry, Seam
	page 106	Face" on page 107
"Steel on Masonry"	"Concrete, Poured-	"Stone, Solid, 24""
on page 108	In-Place, 7" to 10""	on page 110
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"Vinyl on Masonry"	"EIFS on Masonry"	"Stone, Solid, 24",
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		page 113

"Wood Siding on	"Fieldstone on	"Stucco on
Masonry" on	Masonry" on	Masonry" on
page 114	page 115	page 116
"Adobe with	"Glass Block" on	"Tile, Clay, with
Stucco" on	page 118	Back-Up" on
page 117		page 119
"Vinyl		
Shake/Shingle on		
Masonry" on		
page 120		

# Stone, Solid, 8"



8" thick stone such as granite, fieldstone, or limestone that is either found or quarried locally then is mortared together to provide the external structural support. Assumes a unique home design. Includes additional corners, fenestration, and unique window and door openings when installing exterior wall materials. Can also include custom colors.

Included in Cost: 8" thick locally quarried stone, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

Enter a percentage, between 0 and 100, of 8" solid stone exterior wall.
# Adobe



A soft brick formed from local clay that is typically sun dried. It is rough in shape and texture, set with mortar, and no reinforcing. Adobe is found mainly in the southwestern United States. Assumes partition design attributes such as numerous angles, corners, openings, arches and other intricate design configurations typical of high-value homes.

Included in Cost: Adobe brick, mortar, wall ties, flashing, scaffolding where needed, and installation labor.



### Half-Timber and Brick on Masonry

A concrete masonry block wall constructed of hollow concrete masonry units with custom glazed brick veneer facing and half-timber log siding. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: 8" concrete masonry units, mortar, wall ties, reinforcing, custom glazed brick veneer facing, half-timber siding, flashing, scaffolding where necessary, and installation labor.

# Stone, Solid, 12"



12" thick stone such as granite, fieldstone, or limestone that is either found or quarried locally then is mortared together to provide the external structural support. Assumes a unique home design. Includes additional corners, fenestration, and unique window and door openings when installing exterior wall materials. Can also include custom colors.

Included in Cost: 12" thick locally quarried stone, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

Enter a percentage, between 0 and 100, of 12" solid stone exterior wall.

### Adobe, Brick on Masonry



A 6" concrete block wall with an exterior veneer of 6", soft, unfired brick formed from local clay that is typically sun dried. It is rough in shape and texture that is set in mortar. Assumes partition design attributes such as numerous angles, corners, openings, arches and other intricate design configurations typical of high-value homes.

Included in cost: concrete block back-up with reinforcing rebar, adobe brick, mortar, wall ties, flashing, scaffolding where needed, and installation labor.



## Limestone on Masonry

An 8" masonry block wall with a 4" thick limestone (sedimentary rock composed mostly of calcium carbonate) veneer set in mortar on the exterior. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Masonry block wall, 4" thick limestone veneer facing, reinforcing, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

### Stone, Solid, 12", Custom



12" thick stone such as granite, fieldstone or limestone, that are imported, quarried, or found in an area other than where it is being used, then is mortared together to provide the external structural support. The stone may also have had extensive sand-sawed cutting and sizing done. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include ashlar cut stones, custom texture, and coloring.

Included in Cost: 12" thick imported stone with a sand-sawed finish, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

Enter a percentage, between 0 and 100, of 12" custom solid stone exterior wall.

### **Granite on Masonry**



An 8" masonry block wall with a coarse-grained, light-colored, granite veneer facing set in mortar on the exterior. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Masonry block wall, granite veneer facing, flashing, wall ties, mortar, scaffolding where needed and installation labor.

## Marble on Masonry



An 8" masonry block wall with a polished marble (a metamorphic rock with various impurities and colors) veneer facing set in mortar on the exterior. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Masonry block wall, polished marble veneer facing, reinforcing, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

# Stone, Solid, 18"



18" thick stone such as granite, fieldstone, or limestone that is either found or quarried locally then is mortared together to provide the external structural support. Assumes a unique home design. Includes additional corners, fenestration, and unique window and door openings when installing exterior wall materials. Can also include custom colors.

Included in Cost: 18" thick locally quarried stone, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

Enter a percentage, between 0 and 100, of 18" solid stone exterior wall.

### Brick on Masonry



Veneer face brick attached with masonry ties to a reinforced concrete block or masonry backup wall. The brick provides ornamentation only and not structural support for the building. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include custom coloring.

Included in Cost: Masonry block wall, face brick, reinforcing, walls ties, flashing, scaffolding where needed, and installation labor.

### Masonry, Plain



A concrete masonry block wall constructed of hollow concrete masonry units with reinforcing and set in mortar. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: 8" concrete masonry units, mortar, reinforcing, flashing, wall ties, scaffolding where needed, and installation labor.

# Stone, Solid, 18", Custom



18" thick stone such as granite, fieldstone, or limestone, that is imported, quarried, or found in an area other than where it is being used, then is mortared together to provide the external structural support. The stone may also have had extensive sand-sawed cutting and sizing done. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include ashlar cut stones, custom texture, and coloring.

Included in Cost: 18" thick imported stone with a sand-sawed finish, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

Enter a percentage, between 0 and 100, of 18" custom solid stone exterior wall.

# **Brick on Masonry, Custom**



High quality veneer face brick attached with masonry ties to a reinforced masonry block or masonry backup wall. The brick provides ornamentation only and not structural support for the building. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include custom texturing and coloring.

Included in Cost: Masonry block wall, high quality face brick, reinforcing, walls ties, flashing, scaffolding where needed, and installation labor.

# Masonry, Plastered



Interior partition walls consisting of masonry block that have been plastered with 2 coats of stucco and painted and sealed to provide a smooth surface so that finishes can be applied if desired. Assumes unique design attributes of wall partitions such as numerous angles, corners, openings, arches, and other intricate design configurations.

Included in Cost: Masonry block, mortar, 2 coats of stucco coat, paint, sealer and installation labor.

Not Included in Cost: Wall finishes are not included. Includes paint and sealer only. If other wall finishes have been applied to the plastered masonry walls, they should be entered under the wall finishes.

# **Aluminum on Masonry**



Lap or bevel aluminum siding laid either horizontally or vertically over a solid masonry (block or poured concrete) exterior wall. Assumes a unique home design. Includes additional corners, fenestration, and unique window and door openings when installing exterior wall materials. Can also include custom colors.

Included in cost: Aluminum siding, solid masonry exterior wall, furring strips, building paper, flashing, caulking, scaffolding where necessary, and labor.

Enter the percentage, between 0 and 100, of aluminum on masonry exterior walls.

# **Brick, Solid**



This is a solid brick wall, two rows thick, with varying mortar thicknesses depending upon the structural requirements. This wall is constructed of solid brick and used for full structural support and load bearing. Assumes partition design attributes such as numerous angles, corners, openings, arches and other intricate design configurations typical of high-value homes. Includes additional corners, fenestration, and unique window and door openings when installing exterior wall materials. Can also include custom coloring.

Included in Cost: Face brick, brick backup, reinforcing, walls ties, flashing, scaffolding where needed, and installation labor.

### **Sandstone on Masonry**



An 8" masonry block wall with an exterior veneer facing of 4" thick sandstone (sedimentary rock composed mostly of sand grains) set in mortar. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Masonry block wall, 4" thick sandstone veneer facing, reinforcing, flashing, wall ties, mortar, scaffolding where needed, and installation labor.



### **Cement Fiber Shingle on Masonry**

Shingles constructed of cement, sand, cellulose fiber and minerals formed into ¼" thick sheets, usually 18" long and 6" to 12" wide, these shingles are laid in overlapping layers over a solid masonry (block or poured concrete) exterior wall. Assumes a unique home design. Includes additional corners, fenestration, and unique window and door openings when installing exterior wall materials. Can also include custom colors.

Included in Cost: Cement fiber shingles, solid masonry exterior wall, furring strips, building paper, flashing, caulking, scaffolding where necessary, and labor.

Enter the percentage, between 0 and 100, of cement fiber shingles on masonry exterior walls.

# Brick, Solid, Custom



This is a high quality solid brick wall, two rows thick, with varying mortar thicknesses depending upon the structural requirements. This wall is constructed of solid brick and used for full structural support and load bearing. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include custom coloring.

Included in Cost: High quality face brick, brick backup, reinforcing, walls ties, flashing, scaffolding where needed, and installation labor.

# **Slump Block**



Concrete masonry unit that is removed from the mold before it is completely set so that it retains a slightly slumped appearance that is set in mortar. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Slump block, reinforcing, flashing, mortar, scaffolding where needed, and installation labor.

### **Cement Fiber Siding on Masonry**



Siding constructed of cement, sand, cellulose fiber and minerals. Usually found in 5/16" thick sheets that are 12' long and 5" to 12" wide. The siding is laid in overlapping layers over a solid masonry (block or poured concrete) exterior wall. Cement fiber siding typically resembles traditional clapboard or lap style wood siding. Assumes a unique home design. Includes additional corners, fenestration, and unique window and door openings when installing exterior wall materials. Can also include custom colors.

Included in Cost: Cement fiber siding, solid masonry exterior wall, furring strips, building paper, flashing, caulking, scaffolding where necessary, and labor.

Enter the percentage, between 0 and 100, of cement fiber shingles on masonry exterior walls.

### **Brownstone on Masonry**



An 8" concrete block wall with an exterior veneer of 4" thick, dark brown or reddish-brown stone veneer that is set in mortar. Brownstone is found mainly in the eastern United States. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Masonry block wall, brownstone veneer, flashing, wall ties, wire mesh, mortar, scaffolding where needed, and installation labor.

# **Split Rock on Masonry**



An 8" masonry block wall with an exterior 4" thick split rock stone veneer set in mortar. Split rock stones refer to rock that has been split off a block rather than sawn. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Masonry block wall, 4" split rock stone veneer, flashing, mortar, scaffolding where needed, and installation labor.

# **Clapboard on Masonry**



Clapboard wood siding applied horizontally, over a solid masonry (block or poured concrete) exterior wall, with the grain running lengthwise. Quarter-sawn boards tapering in thickness for overlapping. The thickest section of the board is on the bottom. Assumes a unique home design. Includes additional corners, fenestration, and unique window and door openings when installing exterior wall materials. Can also include custom colors.

Included in Cost: Clapboard wood siding, solid masonry exterior wall, furring strips, paint, building paper, flashing, caulking, scaffolding where necessary, and labor.

Enter the percentage, between 0 and 100, of clapboard on masonry exterior walls.

### **Brownstone**, Solid



Exterior walls made of sandstone, usually dark brown or brownish red that is set in mortar. Typical of homes built in the nineteenth century in the eastern and Midwestern areas of the United States. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include custom coloring.

Included in Cost: Solid brownstone walls, flashing, wall ties, wire mesh, mortar, scaffolding where needed, and installation labor.

### **Stone on Masonry**



Stone veneer facing, such as granite, fieldstone, or limestone that is either found or quarried locally then is anchored to a masonry block wall. The stone provides ornamentation only, not structural support for the building. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include custom coloring and texturing.

Included in Cost: Masonry block wall, 4" thick locally quarried stone veneer, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

# Hardboard on Masonry



Lap or bevel hardboard siding laid either horizontally or vertically over a solid masonry (block or poured concrete) exterior wall. Assumes a unique home design. Includes additional corners, fenestration, and unique window and door openings when installing exterior wall materials. Can also include custom colors.

Included in Cost: Hardboard wood siding, solid masonry exterior wall, stain or paint, furring strips, building paper, flashing, caulking, scaffolding where necessary, and labor.

Enter the percentage, between 0 and 100, of hardboard on masonry exterior walls.

### **Concrete Block Decorative, Painted**



Decorative veneer faced masonry block wall with a masonry plaster that has a painted finish. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Masonry block wall, decorative veneer facing, plaster, reinforcing, wall ties, mortar, paint, scaffolding where needed, and installation labor.

#### Stone on Masonry, Custom



Stone veneer facing that is imported, quarried, or found in an area other than where it is being used, then mortared together and anchored to a masonry block wall. The stone may also have had extensive sand-sawed cutting and sizing done. The stone provides ornamentation only and not structural support for the building. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include ash-lar cut stones, custom coloring, and texturing.

Included in Cost: Masonry block wall, 4" thick imported stone veneer, flashing, wall ties, mortar, scaffolding where needed and installation labor.



# New England Shingle on Masonry

New England pine shingles laid in an overlapping pattern over a solid masonry (block or poured concrete) exterior wall.

Included in Cost: New England pine shingles, solid masonry exterior wall, stain or paint, furring strips, building paper, flashing, caulking, insulation, windows, doors, and labor.

Enter the percentage of New England pine shingles on masonry exterior walls.



## **Concrete Block, Painted**

Painted, solid masonry block wall that has a painted finish. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Masonry block wall, reinforcing, walls ties, mortar, paint, scaffolding where needed, and installation labor.

### Stone on Masonry, Sawn Face



An 8" masonry block wall with an exterior veneer facing of 4" thick sawn face stone set in mortar. Sawn face stone veneer is a stone veneer that has been cut from a block with a saw rather than peeled, sliced, or split. It generally has a rough surface, is more solid, and is more costly to produce. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Masonry block wall, 4" sawn face stone veneer, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

### Logs, Solid



Solid log exterior wall constructed of 8" to 12" diameter logs, with the log visible on the exterior and interior of the home. This material is solid exterior log walls only, which are load bearing, so there is no exterior wall framing. The space between each log is caulked to form a weather-tight seal. The logs could be any species of wood. Assumes a unique home design. Includes additional corners, fenestration, and unique window and door openings when installing exterior wall materials.

**Note**: Solid should not be mistaken as true log construction, which typically has solid log exterior walls with the log visible on the interior and exterior of the home, including log partitions and other features used to construction a true solid log home. This material does not include log partitions and other features used in construction to be classified as a true solid log home.

Included in Cost: Solid log exterior walls (with logs visible on the interior and exterior of the home), stain and/or sealer, flashing, caulking, scaffolding where needed, and installation labor.

Not Included in Cost: Exterior doors and windows.

Enter the percentage, between 0 and 100, of solid log exterior walls.

#### Concrete, Poured-In-Place, 4" to 6"



A solid 4" to 6" poured-in-place concrete wall. The wall is created by laying forms where the wall will be, then trucking in or making on site, a concrete mix that is then poured into those forms. Once poured, the wall will not be moved to a different location. The finished product may be made to look like stone, brick, or wood. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Forms, form ties, releasing compound, reinforcing, poured-in-place concrete wall, disposition, distribution and consolidation of fresh concrete mix with a vibrator, finishing, removal of forms, scaffolding where needed, and installation labor.

#### Stone on Masonry, Seam Face



An 8" masonry block wall with an exterior veneer of 4" thick seam faced stone veneer set in mortar. Seamed faced stone refers to the natural bed face of quarried stone, which provides a rustic and natural look. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Masonry block wall, 4" thick seam face stone veneer, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

# **Steel on Masonry**



Lap or bevel steel siding laid either horizontally or vertically over a solid masonry (block or poured concrete) exterior wall. Assumes a unique home design. Includes additional corners, fenestration, and unique window and door openings when installing exterior wall materials. Can also include custom colors.

Included in Cost: Steel siding, solid masonry exterior wall, furring strips, building paper, flashing, caulking, insulation, scaffolding where necessary, and labor.

Enter the percentage, between 0 and 100, of steel on masonry exterior walls.
#### Concrete, Poured-In-Place, 7" to 10"



A solid 7" to 10" poured-in-place concrete wall. The wall is created by laying forms where the wall will be, then trucking in or making on site, a concrete mix that is then poured into those forms. Once poured, the wall will not be moved to a different location. The finished product may be made to look like stone, brick, or wood. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Forms, form ties, releasing compound, reinforcing, poured-in-place concrete wall, disposition, distribution and consolidation of fresh concrete mix with a vibrator, finishing, removal of forms, scaffolding where needed, and installation labor.

# Stone, Solid, 24"



24" thick stone such as granite, fieldstone, or limestone that is either found or quarried locally then is mortared together to provide the external structural support. Assumes a unique home design. Includes additional corners, fenestration, and unique window and door openings when installing exterior wall materials. Can also include custom colors.

Included in Cost: 24" thick locally quarried stone, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

Enter a percentage, between 0 and 100, of 24" solid stone exterior wall.

# **Vinyl on Masonry**



Lap or bevel vinyl siding laid either horizontally or vertically over a solid masonry (block or poured concrete) exterior wall. Assumes a unique home design. Includes additional corners, fenestration, and unique window and door openings when installing exterior wall materials. Can also include custom colors.

Included in Cost: Vinyl siding, solid masonry exterior wall, furring strips, building paper, flashing, caulking, insulation, scaffolding where necessary, and labor.

Enter the percentage, between 0 and 100, of vinyl on masonry exterior walls.

# **EIFS on Masonry**



Exterior Insulation and Finish System (EIFS) is an exterior wall coating system that resembles stucco. It incorporates a substrate covered with a foam insulation board, a reinforcing mesh, a base coat, and a finish coat of synthetic stucco material applied to a masonry wall. Common trade names for this type of wall are Dryvit, Insul-Crete, R-Wall, Powerwall and Sure-Wall. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Cladding for exterior building walls, 4" expanded polystyrene insulation board, mastic adhesives and/or mechanical attachment, base coat with reinforcing mesh, acrylic polymer finish coat, flashing, scaffolding where needed, and installation labor.

# Stone, Solid, 24", Custom



24" thick stone such as granite, fieldstone or limestone, that is imported, quarried, or found in an area other than where it is being used, then is mortared together to provide the external structural support. The stone may also have had extensive sand-sawed cutting and sizing done. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include ashlar cut stones, custom texture, and coloring.

Included in Cost: 24" thick imported stone with a sand-sawed finish, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

Enter a percentage, between 0 and 100, of 24" custom solid stone exterior wall.

# Wood Siding on Masonry



Lap or bevel wood siding laid either horizontally or vertically over a solid masonry (block or poured concrete) exterior wall. Assumes a unique home design. Includes additional corners, fenestration, and unique window and door openings when installing exterior wall materials. Can also include custom colors.

Included in Cost: Wood siding, solid masonry exterior wall, furring strips, building paper, flashing, caulking, insulation, scaffolding where necessary, and labor.

Enter the percentage, between 0 and 100, of wood siding on masonry exterior walls.

# **Fieldstone on Masonry**



An 8" masonry block wall with an exterior veneer of 4" thick, natural, irregular stone called fieldstone that is set in mortar. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Masonry block wall, 4" thick natural irregular stone veneer facing, flashing, wall ties, mortar, scaffolding where needed, and installation labor.

### **Stucco on Masonry**



A cement plaster system used as an exterior wall surface finish that is usually applied over a masonry block base. The plaster consists of Portland cement, lime, sand and water. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Masonry block wall, stucco 2 coats, flashing, caulking, paint, scaffolding where needed, and installation labor.

### Adobe with Stucco



A soft brick formed from local aluminous clay that is typically sun dried. It is rough in shape and texture, set with mortar, no reinforcing, and covered with stucco (Portland cement and sand) applied over the adobe bricks. Adobe is found mainly in the southwestern United States. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include custom coloring.

Included in Cost: Adobe brick, stucco, mortar, wall ties, flashing, scaffolding where needed, and installation labor.

Enter a percentage of home, between 0 and 100, with adobe with stucco exterior walls.

# **Glass Block**



Reflective 12" x 12" x 4" wide hammered glass blocks set in masonry or frame walls to provide diffused light. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Reflective 12"x 12"x 4" glass blocks, wall ties, mortar, scaffolding where needed, and installation labor.



# Tile, Clay, with Back-Up

Masonry block wall with a clay tile veneer facing that is set in mortar and anchored to the masonry block wall. The clay tile veneer provides ornamentation only. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Masonry block wall, clay tile veneer, wall ties, flashing, scaffolding where needed, and installation labor.



# Vinyl Shake/Shingle on Masonry

High quality, solid vinyl shake/shingle siding panels laid either horizontally or vertically over a solid masonry (block or pour concrete) exterior wall. The vinyl siding panels are intended to imitate the look of wood shakes or shingles. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings when installing exterior wall materials. Can also include custom colors.

Included in Cost: Solid vinyl shake/shingle siding panels, solid masonry exterior wall, furring strips, building paper, flashing, caulking, insulation, trim, scaffolding where needed, and installation labor.

Not Included in Cost: Exterior Doors and Windows, which you must add on the Materials panel under Exterior Extras.

Enter a percentage, between 0 and 100, of vinyl shake/shingle on masonry exterior walls.

#### **Wall Specialties**

The available wall specialty items are listed below.

Enter the total linear footage, total square footage, or the total percentage of each type of exterior wall specialty found in the home.

"Breakaway Wall, Lattice on	"Stucco, (EIFS) Panel Relief"
Frame" on the next page	on page 136
"Breakaway Wall, Unrein-	"Stucco Finish, Stay-In-Place
forced Masonry" on page 123	Forming" on page 137
"Coping" on page 124	"Tile, Ceramic, Mosaic" on
	page 138
"Door, Folding, Glass/Pocket"	"Trim/Molding, Gingerbread,
on page 125	18"" on page 139
"Fire Escape" on page 126	"Trim/Molding, Gingerbread,
	18", %" on page 140
"Paint Only" on page 127	"Trim/Molding, Gingerbread,
	24"" on page 141
"Pictorial Artwork, Wood" on	"Trim/Molding, Gingerbread,
page 128	24", %" on page 142
"Shutter, Storm/Security, Rol-	"Trim/Molding, Gingerbread,
lup" on page 129	36"" on page 143
"Skirting, Hillside" on	"Trim/Molding, Gingerbread,
page 130	36", %" on page 144
"Skirting, Masonry" on	"Trim/Molding, Masonry" on
page 131	page 145
"Skirting, Stucco on Frame"	"Trim/Molding, Stone" on
on page 132	page 146
"Skirting, Stucco on Masonry"	"Trim/Molding, Wood" on
on page 133	page 147
"Skirting, Wood Siding" on	"Window Wall" on page 148
page 134	
"Stain Only" on page 135	

#### **Breakaway Wall, Lattice on Frame**

A wood frame wall that is 24" or greater on center with lattice or wood sheathing no thicker than <sup>1</sup>/<sub>2</sub>". The wall also consists of 2"x4" or smaller studs that are designed to fail but not cause damage, displacement, or collapse to an elevated structure or foundation when confronted with high wind, water or other external pressure being placed against them. This type of construction is typically known as breakaway construction and is normally found on the first floor of an elevated home or structure in a coastal area, a flood hazard area, or a high water prone area.

Included in Cost: 2"x 4" studs or smaller placed 24" on center or greater, lattice or ½" or smaller sheathing, single top, bottom plates, fasteners, and installation labor.

Enter the total square footage, between 0 and 20,000, of the home's exterior wall area that is constructed of lattice on frame breakaway walls.

#### **Breakaway Wall, Unreinforced Masonry**

An unreinforced masonry block wall of no more than 8" thickness constructed of hollow concrete masonry units. The wall is designed to fail at the mortar joints but not cause damage, displacement, or collapse to an elevated structure or foundation when confronted with high wind, water or other external pressure being placed against them. This type of construction is typically known as breakaway construction and is normally found on the first floor of an elevated home or structure in a coastal area, a flood hazard area, or a high water prone area.

Included in Cost: Up to 8" thick concrete masonry units, standard mortar for fastening to vertical foundation members and floor beams, and installation labor.

Enter the total square footage, between 0 and 20,000, of the home's exterior wall area that is constructed of unreinforced masonry breakaway walls.

# Coping

Metal, precast concrete, masonry or stone capping/covering applied to the top of a wall, generally beveled or sloped to throw off or shed water and give it a finished appearance. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Precast concrete coping, mortar and installation labor.

Enter the total linear feet, between 0 and 10,000, of coping.

# Door, Folding, Glass/Pocket

A retractable glass wall/door that folds into a storage area of the partition or exterior wall just like a pocket door.

Included in Cost: Folding wall, frame with glass, track, motor for operation of closing and opening the wall, fasteners, hardware, caulking as required, and installation labor.

Enter the total square footage, between 0 and 1000, of folding glass/pocket wall/doors.

# **Fire Escape**

A stairway (often on the outside of a building) that permits emergency exit in the case of fire or other emergency where exit cannot be completed through normal egress methods.

Included in Cost: Prefabricated platform and ladder fire escape system, mounting brackets, hardware and installation labor.

Enter the total number, between 0 and 10, of fire escapes.

# **Paint Only**

A premium liquid wall covering made of pigment and oil, latex, solvent, or water that is used to color or decorate a surface. Assumes custom designs and finishes as well as intricate wall configurations.

Included in Cost: One coat of primer and two finish coats and installation labor.

#### **Pictorial Artwork, Wood**

A visual representation (of an object, scene, person, abstraction or other object) produced on an exterior surface of structure, made from wood. May include more than one wood species, cut, grain, etc., to obtain the desired appearance. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Wood pictorial artwork, adhesive and/or fasteners, paint and/or stain, polyurethane and installation labor.

Enter the square feet of pictorial wood artwork on the home.

#### Shutter, Storm/Security, Rollup

A heavy duty metal security or stormproof shutter used to protect windows, doors and other exterior wall openings. The shutters provide a physical barrier against forcible entry, high winds, and flying debris while protecting windows and doors against breakage. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include custom design and/or sizes.

Included in Cost: Includes rollup storm/security shutters, sidetrack, mounting brackets, hardware, and installation labor.

Enter the total square footage, between 0 and 5000, of storm/security shutters found on the property.

# Skirting, Hillside

An exterior wall covering that surrounds and covers the open or exposed foundation (piers/piles) area of a home. Typically applies to homes constructed on a hillside. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include mostly clear grade cedar that has no knots.

Included in Cost: Cedar skirting, framing, fasteners and/or mounting hardware and installation labor.

Enter the total square footage, between 0 and 10000, of the area that the hillside skirting covers.

# Skirting, Masonry

An 8" masonry block wall that surrounds and covers the open or exposed foundation (piers/piles) area of a home. Typically applies to homes constructed on a hillside. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: 8" masonry block units, reinforcing, mortar concrete sealer, and installation labor.

Enter the total square footage, between 0 and 10000, of the area that the masonry skirting covers.

#### **Skirting, Stucco on Frame**

A wood frame wall with a stucco coating that surrounds and covers the open or exposed foundation (piers/piles) area of a home. Typically applies to homes constructed on a hillside. Stucco is a cement plaster system used as an exterior wall surface finish that is usually applied to metal lath attached to a stud wall base. The plaster consists of Portland cement, lime, sand, and water. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Framing, felt/vapor barrier, stucco, netting/metal lath, scratch and finish stucco coats, fasteners, caulk, flashing paint, and installation labor.

Enter the total square footage, between 0 and 10000, of the area that the stucco skirting covers.

#### Skirting, Stucco on Masonry

An 8" masonry block wall with a stucco coating that surrounds and covers the open or exposed foundation (piers/piles) area of a home. Typically applies to homes constructed on a hillside. Stucco is a cement plaster system used as an exterior wall surface finish that is usually applied over a masonry block base. The plaster consists of Portland cement, lime, sand, and water. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Masonry block wall, stucco 2 coats, flashing, caulking, paint, and installation labor.

Enter the total square footage, between 0 and 10000, of the area that the stucco skirting covers.

# **Skirting, Wood Siding**

Painted or stained wood siding applied over a wood frame wall that surrounds and covers the open or exposed foundation (piers/piles) area of a home. Typically applies to homes constructed on a hillside. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include mostly clear grade wood skirting that has no knots.

Included in Cost: Framing, felt/vapor barrier, wood siding fasteners, caulk, flashing, paint or stain and installation labor.

Enter the total square footage, between 0 and 10000, of the area that the wood siding skirting covers.

# **Stain Only**

A coloring agent in a dissolving vehicle or agent. When applied to wood or similar material, the stain penetrates and gives color to the material. Stain applied to the wood wall surfaces. Assumes custom designs and finishes as well as intricate wall configurations.

Included in Cost: 2 coats of stain and installation labor.

### Stucco, (EIFS) Panel Relief

Prefabricated Exterior Insulation and Finish System (EIFS) is an exterior wall coating system that resembles stucco. It incorporates a substrate covered with a foam insulation board, a reinforcing mesh, a base coat, and a finish coat of synthetic stucco material applied to a stud frame wall. Common trade names for this type of wall are Dryvit, Insul-Crete, R-Wall, Powerwall, and Sure-Wall. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Prefabricated EIFS panels of 4" expanded polystyrene foam insulation board, reinforcing mesh, synthetic stucco base coat, acrylic polymer top coat, flashing, scaffolding where needed, fastening system, and installation labor.

Enter the square feet, between 0 and 10,000, of stucco, EIFS panel relief on the home.

#### **Stucco Finish, Stay-In-Place Forming**

Exterior wall made of a continuous stay-in-place forming concrete with a stucco finish. Also known as ICF (insulated concrete form) and made from an insulated concrete form that stays in place as a permanent part of the wall assembly after the concrete is poured. Stucco is a cement plaster system used as an exterior wall surface finish that is usually applied over a substrate such as wood frame, masonry block, or stay-in-place forms. The plaster consists of Portland cement, lime, sand, and water. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Insulated polystyrene concrete forms with an 8" core, bracing, reinforcing, concrete, stucco, and installation labor.

Enter a percentage between 0 and 100, of the stay-in-place forming found on the property.

#### Tile, Ceramic, Mosaic

Small ceramic tiles of varying color which are applied to the wall in a design or pattern. The tiles are inlaid in a mortar bed and the joints between them are grouted. Usually the tiles are placed on sheets for ease in laying. Mosaic tile comes in a wide variety of sizes, shapes, and finishes. The cost represents an average of these styles. Assumes custom designs and finishes as well as intricate partition configurations.

Included in Cost: Ceramic mosaic tiles of assorted colors, Portland cement mortar base, grout, and installation labor.

Enter the total square feet, between 0 and 1000, of mosaic ceramic tile on exterior wall.

### Trim/Molding, Gingerbread, 18"

18" wide, detailed and elaborate wood molding or trim applied to the outside of the exterior wall in a decorative pattern that gives it a gingerbread house look. This type of trim is typically found on a Victorian style home. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Trim/molding, painting or staining, fasteners, and installation labor.

Enter the total linear footage, between 0 and 10000, for the area that the trim/molding covers.

# Trim/Molding, Gingerbread, 18", %

18" wide, detailed and elaborate wood molding or trim applied to the outside of the exterior wall in a decorative pattern that gives it a gingerbread house look. This type of trim is typically found on a Victorian style home. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Trim/molding, painting or staining, fasteners, and installation labor.

Enter the percentage, between 0 and 100, of the home exterior area with the gingerbread trim/molding.

### Trim/Molding, Gingerbread, 24"

24" wide, detailed and elaborate, wood molding or trim applied to the outside of the exterior wall in a decorative pattern that gives it a gingerbread house look. This type of trim is typically found on an ornate Victorian style home. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Trim/molding, painting or staining, fasteners, and installation labor.

Enter the total linear feet of 24" gingerbread trim/molding.

# Trim/Molding, Gingerbread, 24", %

24" wide, detailed and elaborate, wood molding or trim applied to the outside of the exterior wall in a decorative pattern that gives it a gingerbread house look. This type of trim is typically found on an ornate Victorian style home. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Trim/molding, painting or staining, fasteners, and installation labor.

Enter the percentage, between 0 and 100, of the home exterior area with the gingerbread trim/molding.

# Trim/Molding, Gingerbread, 36"

36" wide, detailed and elaborate, wood molding or trim applied to the outside of the exterior wall in a decorative pattern that gives it a gingerbread house look. This type of trim is typically found on an ornate Victorian style home. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Trim/molding, painting or staining, fasteners, and installation labor.

Enter the total linear footage, between 0 and 10000, of the area that the trim/molding covers.

# Trim/Molding, Gingerbread, 36", %

36" wide, detailed and elaborate, wood molding or trim applied to the outside of the exterior wall in a decorative pattern that gives it a gingerbread house look. This type of trim is typically found on an ornate Victorian style home. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Trim/molding, painting or staining, fasteners, and installation labor.

Enter the percentage, between 0 and 100, of the home exterior area with the gingerbread trim/molding.
#### Trim/Molding, Masonry

Masonry decorative recessed or relieved surface on an edge or strip used for ornamentation or finishing, which is applied to the outside of the exterior wall in a decorative pattern. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Masonry trim/molding, concrete anchor, mortar, and/or lag bolt fasteners, caulking and installation labor.

Enter the total linear feet of exterior masonry trim/molding.

## Trim/Molding, Stone

Stone decorative recessed or relieved surface on an edge or strip used for ornamentation or finishing that is applied to the outside of the exterior wall in a decorative pattern. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Stone trim/molding, concrete anchor, mortar, and/or lag bolt fasteners, caulking and installation labor.

Enter the total linear feet of exterior stone trim/molding.

## Trim/Molding, Wood

Wood decorative recessed or relieved surface on an edge or strip used for ornamentation or finishing that is applied to the outside of the exterior wall in a decorative pattern. Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes.

Included in Cost: Wood trim/molding, concrete anchor, mortar, and/or lag bolt fasteners, caulking and installation labor.

Enter the total linear feet of exterior wood trim/molding.

#### Window Wall

A complete window-wall system constructed of a heavy duty aluminum frame and window glazing (glass). Assumes exterior wall design attributes such as numerous corners, window and door shapes and openings typical of high value homes. Can also include custom design and/or sizes. Included in Cost: Heavy duty aluminum framing, glazing (glass), fasteners, and installation labor. Enter a percentage between 0 and 100.

#### Columns

#### The available exterior columns are listed below.

Enter the total linear footage of each type of exterior column found in the home.

"Column, Aluminum, Orna-	"Column, Granite, Orna-
mental" on the next page	mental" on page 161
"Column, Aluminum, 12 and	"Column, Granite, 12" and
Under" on page 151	Under" on page 162
"Column, Aluminum, 13" -	"Column, Granite, 13" - 16" "
24"" on page 152	on page 163
"Column, Aluminum, 25" and	"Column, Granite, 17" - 20""
Over" on page 153	on page 164
"Column, Brick" on page 154	"Column, Granite, 21" - 24"" on page 165
"Column, Concrete, Orna-	"Column, Granite, 25" and
mental" on page 155	Over" on page 166
"Column, Concrete, 12" and Under" on page 156	"Column, Stone" on page 167
"Column, Concrete, 13" - 16"" on page 157	"Column, Wood" on page 168
"Column, Concrete, 17" - 20""	"Column, Wood Stave, 12"
on page 158	and Under" on page 169
"Column, Concrete, 21" - 24""	"Column, Wood Stave, 13" -
on page 159	24"" on page 170
"Column, Concrete, 25" and	"Column, Wood Stave, 25"
Over" on page 160	and Over" on page 171

#### **Column, Aluminum, Ornamental**

A tall supporting pillar or vertical upright, typically designed to provide decorative or ornamental aesthetics only. They are also found near the entrance of a structure to provide an aesthetic impact and no structural support. Exterior ornamental aluminum column, 12" and under in diameter, with base and cap.

Included in Cost: Decorative ornamental aluminum column, base and Doric cap, grouting, and installation labor.

#### Column, Aluminum, 12 and Under

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior aluminum column, 12" and under in diameter, with base and cap.

Included in Cost: Aluminum column, base and cap, grouting, and installation labor.

#### Column, Aluminum, 13" - 24"

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior aluminum column, 13" - 24" in diameter, with base and cap.

Included in Cost: Aluminum column, base and cap, grouting, and installation labor.

#### Column, Aluminum, 25" and Over

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior aluminum column, 25" and over in diameter, with base and cap.

Included in Cost: Aluminum column, base and cap, grouting, and installation labor.

#### **Column, Brick**

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. An exterior column made of solid brick.

Included in Cost: Solid brick column, mortar, and installation labor.

#### **Column, Concrete, Ornamental**

A tall supporting pillar or vertical upright, typically designed to provide decorative or ornamental aesthetics only. They are also found near the entrance of a structure to provide an aesthetic impact and no structural support. Exterior ornamental concrete column, 12" and under in diameter, with base and cap.

Included in Cost: Decorative ornamental concrete column, base and Doric cap, grouting, and installation labor.

#### Column, Concrete, 12" and Under

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior concrete column, 12" and under in diameter, with base and cap.

Included in Cost: Concrete column, base and cap, grouting, and installation labor.

#### Column, Concrete, 13" - 16"

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior concrete column, 13" - 16" in diameter, with base and cap. Exterior concrete column, 13" - 16" in diameter, with base and cap.

Included in Cost: Concrete column, base and cap, grouting, and installation labor.

#### Column, Concrete, 17" - 20"

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior concrete column, 17" - 20" in diameter, with base and cap.

Included in Cost: Concrete column, base and cap, grouting, and installation labor.

#### Column, Concrete, 21" - 24"

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior concrete column, 21" - 24" in diameter, with base and cap.

Included in Cost: Concrete column, base and cap, grouting, and installation labor.

#### Column, Concrete, 25" and Over

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior concrete column, 25" and over in diameter, with base and cap.

Included in Cost: Concrete column, base and cap, grouting, and installation labor.

#### Column, Granite, Ornamental

A tall supporting pillar or vertical upright, typically designed to provide decorative or ornamental aesthetics only. They are also found near the entrance of a structure to provide an aesthetic impact and no structural support. Exterior ornamental granite column, 12" and under in diameter, with base and cap.

Included in Cost: Decorative ornamental granite column, base and Doric cap, grouting, and installation labor.

#### Column, Granite, 12" and Under

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior granite column, 12" and under in diameter, with base and cap.

Included in Cost: Granite column, base and cap, grouting, and installation labor.

#### Column, Granite, 13" - 16"

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior granite column, 13" - 16" in diameter, with base and cap.

Included in Cost: Granite column, base and cap, grouting, and installation labor.

#### Column, Granite, 17" - 20"

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior granite column, 17" - 20" in diameter, with base and cap.

Included in Cost: Granite column, base and cap, grouting, and installation labor.

#### Column, Granite, 21" - 24"

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior granite column, 21" - 24" in diameter, with base and cap.

Included in Cost: Granite column, base and cap, grouting, and installation labor.

#### Column, Granite, 25" and Over

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior granite column, 25" and over in diameter, with base and cap.

Included in Cost: Granite column, base and cap, grouting, and installation labor.

#### **Column, Stone**

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior stone column, 12" in diameter, with base and cap.

Included in Cost: Stone column with base and Corinthian cap, grouting, and installation labor.

#### Column, Wood

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior wood stave column, 12" in diameter, with base and cap.

Included in Cost: Wood stave column, base and Doric cap, grouting, caulking and installation labor.

#### Column, Wood Stave, 12" and Under

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior column made from strips of wood that are tapered and fluted, 12" and under in diameter, with base and cap.

Included in Cost: Wood stave column, base and cap, and installation labor.

#### Column, Wood Stave, 13" - 24"

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior column made from strips of wood that are tapered and fluted, 13" - 24" in diameter, with base and cap.

Included in Cost: Wood stave column, base and cap, and installation labor.

#### Column, Wood Stave, 25" and Over

A tall supporting pillar or vertical upright, typically designed to provide structural support for outcropping roofs or upper floors of a home. They are also found near the entrance of a structure to provide an aesthetic impact. Exterior column made from strips of wood that are tapered and fluted, 25" and over in diameter, with base and cap.

Included in Cost: Wood stave column, base and cap, and installation labor.

#### **Balconies**

The available balconies are listed below.

Enter the total square footage or number (count) of each type of balcony found in the home.

"Balcony, Cement with Glass Rails" on the next page	"Balcony, Large" on page 178
"Balcony, Cement with Orna- mental Iron Rails" on page 174	"Balcony, Square Feet" on page 179
"Balcony, Cement with Orna- mental Stone Balustrade" on page 175	"Balcony, Wood with Orna- mental Iron Rails" on page 180
"Balcony, Small" on page 176	"Balcony, Wood with Orna- mental Stone Balustrade" on page 181
"Balcony, Medium" on page 177	"Balcony, Wood with Wood Rails" on page 182

#### **Balcony, Cement with Glass Rails**

An outside cement platform with glass rails that projects from the home's exterior wall and rests on brackets or consoles. Entrance to the balcony is made from a door that leads from the inside of the structure.

Included in Cost: Cement balcony with glass rails, supports, brackets, hardware, and installation labor.

Enter the total square footage, between 0 and 5000, of the cement balconies with glass rails found on the property.

# Balcony, Cement with Ornamental Iron Rails

An outside cement platform with ornamental iron rails that projects from the home's exterior wall and rests on brackets or consoles. Entrance to the balcony is made from a door that leads from the inside of the structure.

Included in Cost: Cement balcony with ornamental iron rails, supports, brackets, hardware, and installation labor.

Not Included in Cost: Exterior door from inside of the home.

Enter the total square footage, between 0 and 5000, of the cement balconies with iron rails found on the property.

## Balcony, Cement with Ornamental Stone Balustrade

An outside cement platform with ornamental stone rails that projects from the home's exterior wall and rests on brackets or consoles. Entrance to the balcony is made from a door that leads from the inside of the structure.

Included in Cost: Cement balcony with ornamental stone balustrade, supports, brackets, hardware, and installation labor.

Not Included in Cost: Exterior door from inside of the home.

Enter the total square footage, between 0 and 5000, of the cement balconies with stone rails found on the property.

#### **Balcony**, Small

A small wooden platform (approximately 36 square feet) cantilevered from the home's exterior wall with an attached railing and supported on or within brackets/hangers or consoles. Entrance to the balcony is made from a door that leads from the inside of the structure.

Included in Cost: Pressure treated wood framing, pressure treated wood decking, pressure treated wood railing and spindle system, paint or stain, supports, console support brackets, hard-ware, and installation labor.

Not Included in Cost: Structural supports applied to concrete footings, stairs, or exterior door from inside of the home (exterior door can be added using the materials on the Edit Materials dialog).

Enter the total number of small balconies found on the property. A maximum entry of 10 is allowed.

#### **Balcony**, Medium

A medium wooden platform (approximately 72 square feet) cantilevered from the home's exterior wall with an attached railing and supported on or within brackets/hangers or consoles. Entrance to the balcony is made from a door that leads from the inside of the structure.

Included in Cost: Pressure treated wood framing, pressure treated wood decking, pressure treated wood railing and spindle system, paint or stain, supports, console support brackets, hard-ware, and installation labor.

Not Included in Cost: Structural supports applied to concrete footings, stairs, or exterior door from inside of the home (exterior door can be added using the materials on the Edit Materials dialog).

Enter the total number of medium balconies found on the property. A maximum entry of 10 is allowed.

#### **Balcony**, Large

A large wooden platform (approximately 120 square feet) cantilevered from the home's exterior wall with an attached railing and supported on or within brackets/hangers or consoles. Entrance to the balcony is made from a door that leads from the inside of the structure.

Included in Cost: Pressure treated wood framing, pressure treated wood decking, pressure treated wood railing and spindle system, paint or stain, supports, console support brackets, hard-ware, and installation labor.

Not Included in Cost: Structural supports applied to concrete footings, stairs, or exterior door from inside of the home (exterior door can be added using the materials on the Edit Materials dialog).

Enter the total number of large balconies found on the property. A maximum entry of 10 is allowed.

## **Balcony, Square Feet**

A wooden platform cantilevered from the home's exterior wall with an attached railing and supported on or within brackets/hangers or consoles. Entrance to the balcony is made from a door that leads from the inside of the structure.

Included in Cost: Pressure treated wood framing, pressure treated wood decking, pressure treated wood railing and spindle system, paint or stain, supports, console support brackets, hard-ware, and installation labor.

Not Included in Cost: Structural supports applied to concrete footings, stairs, or exterior door from inside the home (exterior door can be added using the materials on the Edit Materials dialog).

Enter the total square footage, between 0 and 5000, of the balconies found on the property.

## **Balcony, Wood with Ornamental Iron Rails**

An outside wood platform with ornamental iron rails that projects from the home's exterior wall and rests on brackets or consoles. Entrance to the balcony is made from a door that leads from the inside of the structure.

Included in Cost: Wood balcony with ornamental iron rails, supports, brackets, hardware, and installation labor.

Not Included in Cost: Exterior door from inside of the home.

Enter the total square footage, between 0 and 5000, of the wood balconies with iron rails found on the property.

## Balcony, Wood with Ornamental Stone Balustrade

An outside wood platform with stone rails that projects from the home's exterior wall and rests on brackets or consoles. Entrance to the balcony is made from a door that leads from the inside of the structure.

Included in Cost: Wood balcony with ornamental stone balustrade, supports, brackets, hardware and installation labor.

Not Included in Cost: Exterior door from inside of the home.

Enter the total square footage, between 0 and 5000, of the wood balconies with stone rails found on the property.

#### **Balcony, Wood with Wood Rails**

An outside wood platform with wood rails that projects from the home's exterior wall and rests on brackets or consoles. Entrance to the balcony is made from a door that leads from the inside of the structure.

Included in Cost: Wood balcony with wood rails, supports, brackets, hardware, and installation labor.

Not Included in Cost: Exterior door from inside of the home.

Enter the total square footage, between 0 and 5000, of the wood balconies with wood rails found on the property.