

COBBLE ROCK & STONE, L.L.C.

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Stone Veneer Specifications

Use this specification sheet for a single, or multiple projects, editing it to meet the conditions of each project.

1a Product Name

Cobble Creek manufactured stone veneer for interior or exterior wall coverings.

Style: _____ **Color:** _____

1b Manufacturer

Cobble Rock & Stone, LLC
11227 NS 3520 Rd
Prague, OK 74864
(866) COB-ROCK Toll Free

1c Description of Work

To provide Cobble Creek brand stone veneer as needed for proper installation.

1d Submittals

As required.

1e Composition of Material

Stone Veneer produced from Portland cement, sand, and lightweight aggregates.

1f Packaging and Handling

Cobble Creek stone veneer is packaged on 40" x 48" (NON STACKABLE) pallets. Pallets will contain up to 150 sq feet of stone per skid, depending on actual product. Pallet weights will vary from 1000 to 2000 lbs depending on product.

2a Installation Materials

All equipment and materials will be clean and free of chemicals which may cause efflorescence, and conform to:

ASTM C150 for Portland Cement
ASTM C144 for Masonry Sand
ASTM C979 for Mortar colors
ASTM D226 for Asphalt Saturated felt 15 lbs or more
Clean potable water
Galvanized metal lathe 2.5 lb minimum

3 Installing Cobble Creek stone veneer

Flats and corner pieces are used for almost all installations. Flats are installed on the flat wall surface and are ordered in square feet. Corners are installed on outside corners and are ordered in linear feet. Use corners around window and door openings to provide an added dimension and depth to your project.

Preparing the Surface

Sheetrock, paneling, plywood, insulation board or other rigid sheathing

A: Cover the walls surface with a moisture barrier of asphalt saturated felt paper. Install the paper horizontally with the upper layer overlapping the lower layer no less than 2". Overlap all vertical joints no less than 6". DO NOT try to apply stone directly on sheetrock, or paneling. The surface you install the stone on must be able to support the weight of the stone and all other materials. These surfaces will need to be covered with a ½" thick mortar scratch coat, plywood or other rigid backing materials.

B: Next cover the moisture barrier with galvanized expanded metal lathe. *Lathe must be installed in the correct direction* (metal cups up). Overlap the vertical sides of metal lathe no less than 4". Overlap the horizontal sides no less than 2". Using galvanized nails or staples, attach the lathe to the wall penetrating the wall studs no less than 1". Attach a minimum of one fastener every 6" vertically and 16" horizontally on all studs. Overlap the lathe no less than 16" around all inside and outside corners. Next apply a mortar scratch coat no less than ½ " thick over the metal lathe and let it dry. Use Type N or Type S mortar. Type S should always be used with mortar less installations.

Unpainted, unsealed concrete block, brick, or other masonry walls

You may not need to do any preparations to these surfaces, however applying uncured masonry adhesive to cured surfaces can be problematic. You may have to lathe or sandblast these surfaces as well.

Painted, or sealed block, brick or other masonry walls

These surfaces must be cleaned of all paints or sealers by sandblasting, power washing, scraping, or acid etching the surface. You may also apply metal lathe with non corroding concrete nails and then applying a scratch coat of no less than ½ “ to surface.

Setting the stone

Dampen the back of the stone, but do not puddle, then using a mason’s trowel evenly apply a ½” thick layer of mortar to the entire back of the stone. Press the stone in place firmly squeezing the mortar out around the edges of the stone. Using a gentle side to side and up and down motion will ensure you have a good bond.

Filling the joints

After setting the stone, use a grout bag to fill in all joints with mortar, forcing mortar into all voids. Any mortar that gets on the stone face should be left to set until dry enough to remove without smearing and then brushed off with a stiff bristled brush.

Dry stack style

On dry stack installations, you should seal all edges of the stone to ensure a proper bond. Use extreme care to be certain that no water can get behind the stone. Water expands 10% when frozen and will pop the stone off the wall. Fill all noticeable voids with mortar and cover any broken or cut edges

Completing the jointing process

When mortar has set enough (30- 60 minutes typically), use a striking tool to remove the excess mortar from the joints. Make sure and fill all voids and to seal all edges of the stone. Do not work the joints too soon or you will smear mortar on the face of the stone. After removing excess mortar from the joints, use a softer bristled brush to sweep away any fine debris left from the jointing process.

Mixing the mortar

Cobble Creek recommends a bonding agent in the mortar anywhere the stone is in a precarious position. Mortar should be mixed to a consistency similar to thick whipped potatoes.

- A: Mix with bonding agent**
3 parts type S masonry cement
7 parts masonry sand and water
Bonding agent

B: Type N mortar mix without bonding agent

2 parts type N masonry cement
3 to 5 parts masonry sand and water

OR

1 part Portland cement
1 part Lime
3 to 5 parts masonry sand and water

C: Type S mortar mix without bonding agent

3 parts type S masonry cement
5 to 7 parts masonry sand and water

OR

2 parts Portland cement
1 part Lime
5 to 7 parts masonry sand and water

Important Notes:

Each pallet of Cobble Creek stone veneer has all the shapes, colors, and sizes to duplicate the stone style and color you have selected.

Always randomly use stones off each pallet and/or box to ensure you have a nice evenly distributed size and color mix on the wall.

Cobble Creek always recommends that you comply with all building codes, and follow all manufacturers instructions when using their products.

Cobble Creek does not claim to be masonry instructors. We only make suggestions based on successful applications of jobs we have specifically installed.

Cobble Creek accepts no responsibility for improper installations or unusual conditions where any product is installed. These guidelines are to be used only as suggestions which have worked with great success when installed by professional installers. To speak with one of our knowledgeable stone specialists directly call us @ (866) COB-ROCK

Warranty Information:

Cobble Creek Stone and Brick Veneer products carry a 30 yr manufacturers warranty that covers the product to be free from manufacturer defects when installed according to "Installation Guidelines for Adhered Concrete Masonry Veneer"

http://www.masonryveneer.org/pdf/MVMAManualDesign_web.pdf

By installing any of the product, the user agrees and accepts the product to be the correct style, shape and color of the product that they have ordered.

Warranty only covers the replacement of the defectively manufactured product.

Cobble Rock, Cobble Stone and Cobble Creek are all trade names of Cobble Rock & Stone, L.L.C.