

CLUSTER STONE

INSTALLATION TIPS

CLUSTERSTONE is a high-quality manufactured stone, engineered to be light in weight so that it does not require a foundation or extra support. Each stone is an exact replica from nature and is carefully selected for size, shape, texture and color, making Clusterstone very easy and fast to install. Because of our innovative coloring process, each and every Clusterstone produced is virtually identical to the original.

With a super-hard outer shell, designed to replicate natural stone, Clusterstone is designed to be used on exterior and interior walls. It is intended for nonstructural use and can be applied to load bearing walls, wood frame, steel, or masonry.

INSTALLATION:

Preparing the Surface (Over Wood)

Apply a moisture barrier directly to the wood surface starting from the bottom and working your way up. Cover moisture barrier with a galvanized metal lath according to local building codes. Overlap metal lath min. 4" on vertical seams and 6" on horizontal seams. Wrap lath around corners min. 16".

Applying Scratch Coat (General Preparation)

Apply masonry scratch coat (preferably over metal lath) evenly, approx. 3/8 – 1/2" thick. Press mix into the holes of the metal lath, keeping surface fairly flat and even. Use a hard brush or nails to scratch up the surface.

Clusterstone Adhesive

Add 3.5- 4 lt of water per 1 bag of 25 kg Clusterstone Adhesive and mix approx. 3-4 minutes for a paste like consistency.

Applying the Stone

Install corners first and work from bottom to top. Apply a half-inch layer of mortar to the back of the stone. Press the stone against the wall using even pressure across entire stone while gently rocking the stone into place. When using a stackable pattern, take care to keep stones level. Clusterstone Adhesive consistency may need adjusting depending on weather conditions. Cut stones to length as needed using a masonry blade or stone nippers.

Grouting & Striking Joints

You can use Clusterstone Adhesive as your grout mix.

Grouting can be done using a grout bag. Fill grout joint completely being careful not to miss any voids. After grout mortar becomes firm to touch, you can strike the joints with a striking tool or hardwood stick. Lightly brush excess dust from stone. Color pigments may be used to color the grouting.

Cleanup

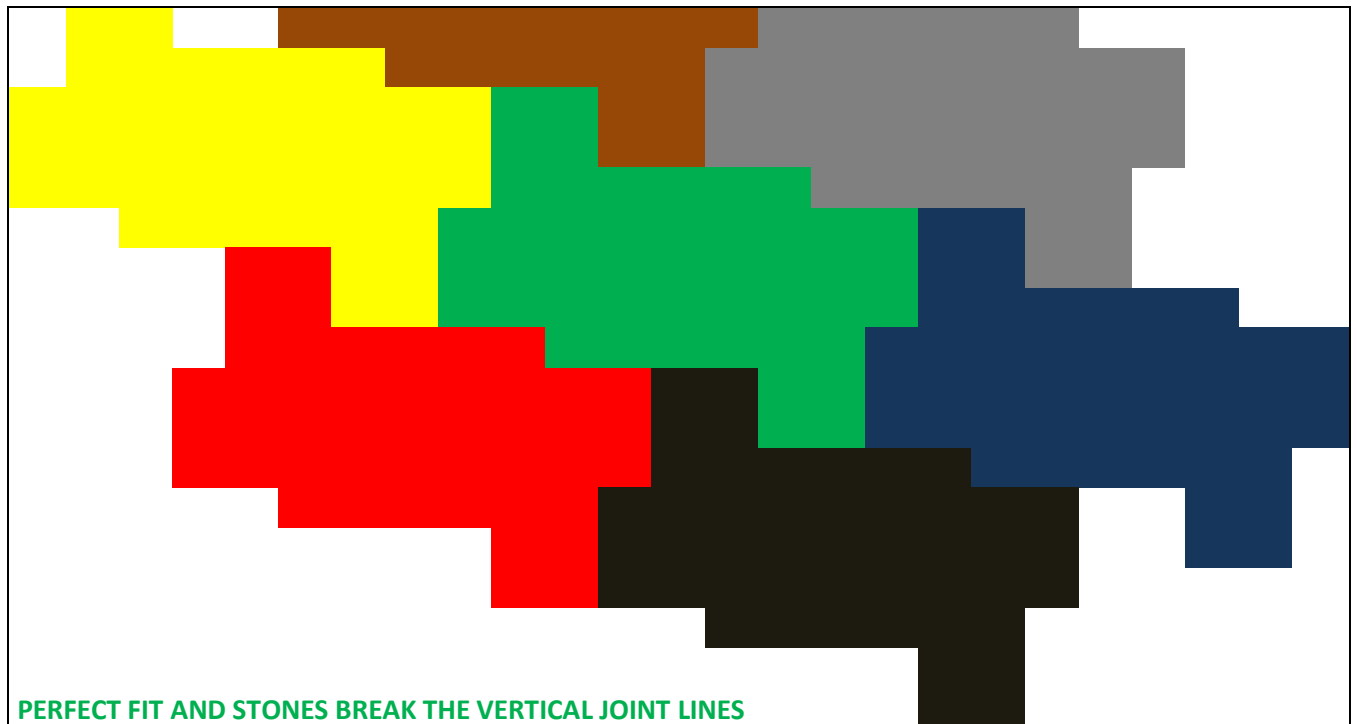
Remove mortar residue from face of stone with water and soft brush the same day of installation

Precautions

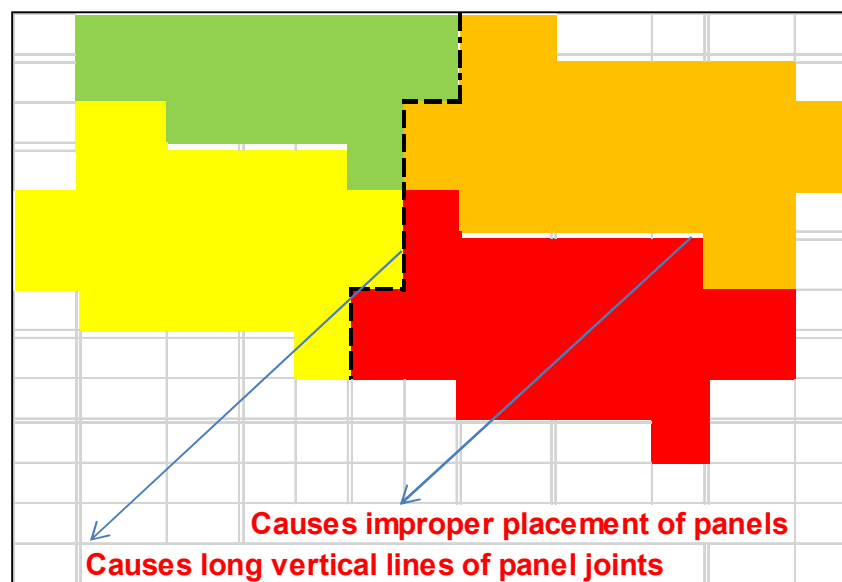
Clusterstone should not be installed closer than 4" to the final grade.

This will keep freeze soil from applying pressure to stone and help keep stone clean as well as provide better drainage. A good water based acrylic sealer may be an option in high moisture areas.

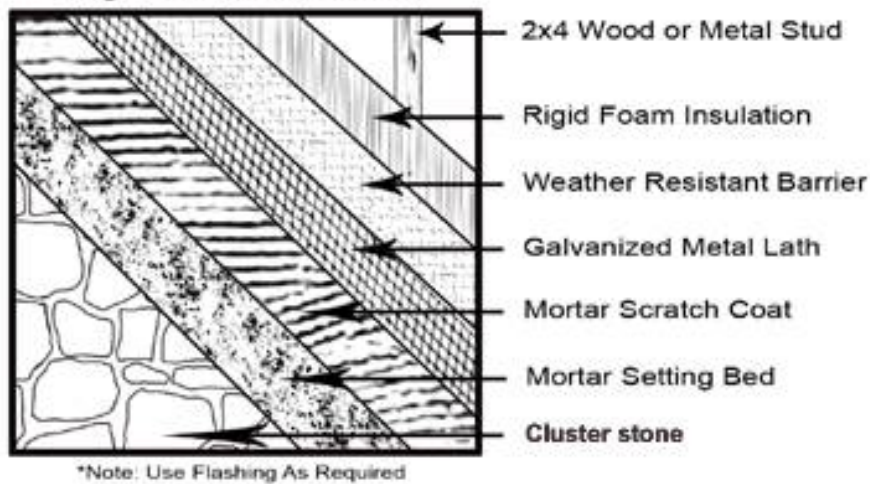
PLACING OF LEDGSTONE PANELS



WRONG PLACEMENT OF CLUSTER STONE PANELS

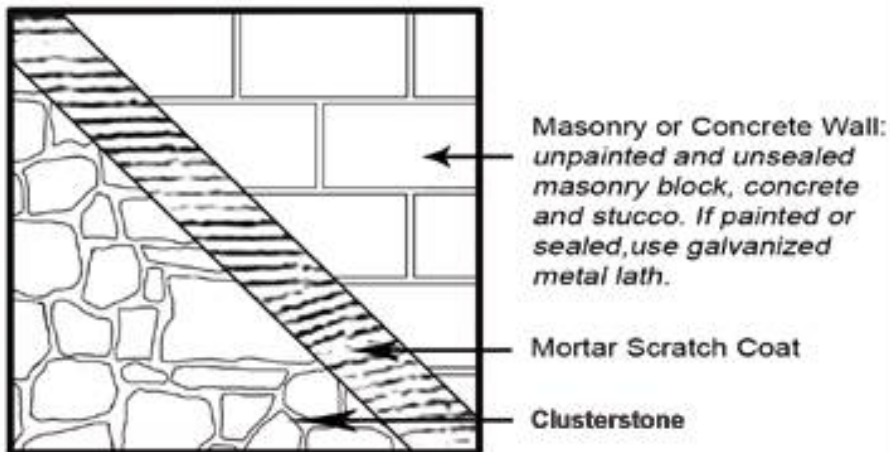


Rigid Foam Insulation



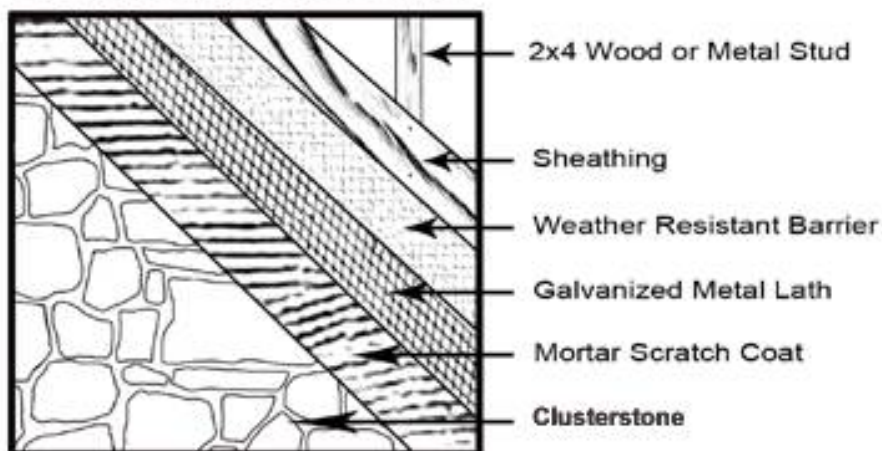
*Note: Use Flashing As Required

Masonry & Concrete



*Note: Use Flashing As Required

Wood Frame Construction



*Note: Use Flashing As Required