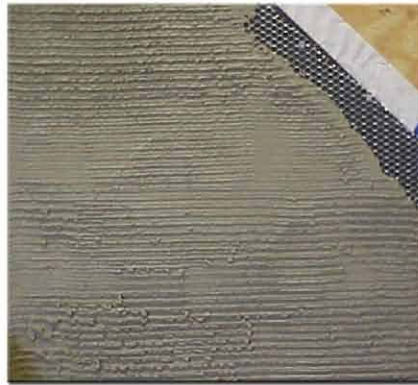




J & N Stone Installation Procedure



1. Prepare the Surface



2. Applying the Scratch Coat



3. Mudding the stone



4. Applying the stone



5. Trimming the stone



6. Grouting the joints



7. Striking the joints



8. Brushing joints



Completion

DETAILED INSTRUCTIONS ON BACK

J & N STONE, INC., 905 E. WATERFORD ST., WAKARUSA, IN 46573 PHONE: 574-862-4251

www.jnstone.com



J & N Stone Installation Procedure

1. Preparing the Surface:

J&N Stone can be applied to any structurally sound surface. Due to its lightweight, no special foundations or structural alterations are necessary. On masonry walls(Block,Poured Concrete,Full Brick) install 2.5 galvanized mesh directly to surface using concrete fasteners with a minimum of $\frac{3}{4}$ " length and a minimum $\frac{3}{8}$ " diameter head.For all wood or steel stud construction, all exterior sheatings should be covered with weather resistant barriers with an ASTM E1677 Type 1 such as Tyvek. Apply a minimum of one layer of 15 lb. Felt Paper as well, then 2.5 Galvanized metal lath should be attached with galvanized nails or staples penetrating 1" into stud,16" on center, with nails 6" apart.Lath to Metal Studs should be done with non-corrosive self tapping screws having a minimum of 1" in length and a minimum of $\frac{3}{8}$ " diameter head.

2. Applying the Scratch coat:

As a rule, lathed surfaces should be covered with a thin coat mortar (Type S ASTM C720) and allowed to set prior to installing the J&N Stone.Mortar can be mixed by combining: Type S masonry mortar with mason sand. The mortar should be mixed with enough water to achieve a workable (not too wet, not too dry) consistency.The same mortar can be used for scratch coating, for applying the J&N Stone, and for grouting the joints.

3. Mortaring the Stone:

Before starting to install J&N Stone, it is best to lay out stone near the work area to give you a better choice of stone. Select a stone and apply a 1 inch thick, even layer of mortar to the back of the stone.

4. Applying the Stone:

Press the J&N Stone firmly into place on the wall surface so that the mortar behind the stone squeezes out around all sides. Using a gentle wiggling action while applying the stone will insure a good bond. In warm weather, masonry surfaces may need to be dampened prior to installing the stone so that the moisture will not be drawn from the mortar too rapidly. To help keep the stone clean during construction, start installing J&N Stone at the top of the wall surface and work down. Install the corner stones first for easiest fitting. When selecting stones, try to achieve a balanced pattern of shapes,sizes,colors,thicknesses and textures. Keep the mortar joints between the stones as tight and as uniform as possible. Avoid long straight unbroken lines.

5. Trimming the Stone:

When necessary, J&N Stone can be cut and shaped with a hatchet, brick trowel or nippers to form special sizes and shapes for better fitting. Always try to position the trimmed stones on the wall surface so that the cut edges will not show.

6. Grouting the Joints:

After all of the J&N Stone has been applied to the wall surface, fill a grout bag with mortar, and in the manner of decorating a cake, partially fill the joints between the stones with mortar. Be sure while grouting to cover any noticeable broken stone edges with mortar. If you prefer colored mortar joints, oxide colors can be mixed with your mortar prior to grouting.All of J&N Stone must have grout between each stone. We DO NOT WARRANTY a drystack installation.

7. Striking the Joints:

When the mortar joints become firm, use a wooden or metal striking tool to rake out the excess mortar to the desired depth and at the same time to force the mortar into the joints to thoroughly seal the joint edges. Be careful not to work the joints too soon or the mortar will smear.

8. Brooming:

Brush the mortar joints with a whisk broom or soft brush to smooth them and clean away the loose mortar. At the same time, broom off any mortar spots from the face of the stone. Loose mortar and mortar spots which have set for only a few hours clean up easily and should never be allowed to set up overnight.

9. Completion:

J&N Stone does not require a sealer to warrant its guarentee. J&N Stone does not cover damage to its product from building settlement,excessive contact with salt or de-icing chemicals,paint, or airborne contaminants. NO ACID shall be used to clean up if necessary. Consult your dealer or call us.

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