

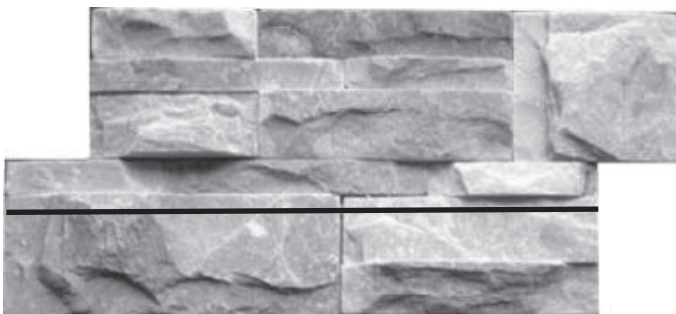
Cronin Stone Installation Instructions

Over clean (unpainted, unsealed, unpainted) Brick, Block, concrete or other masonry surfaces

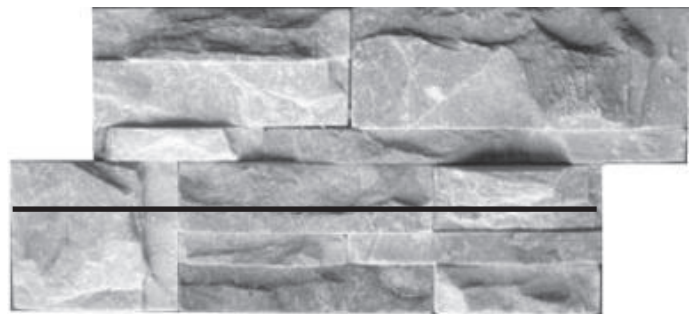
Preparation: Surface to be tiled must be sound and properly flashed to prevent water from entering above the installation. No surface preparation is required if masonry is sound and reasonably flat. A scratch coat with metal lath can be used for added insurance to minimize cracking if surface is questionable, or needs flattening. For exterior applications metal lath must be galvanized. If water beads up and runs off substrate, a sealer or release agent is probably present and the surface is not suitable for direct bond. If the contamination cannot be removed completely metal lath and a scratch coat must be used.

Important: Keep boxes standing upright to prevent damage. The individual pieces are glued together to facilitate quick and accurate installation, but the panels are not structural. Some panels will break if boxes are laid on their sides.

1. Caulk around windows and doors with a perimeter sealant between the masonry backing and the window or door frame. The sealant selection should be confirmed with the window/door manufacturer.
2. Lay pieces of Cronin Stone out on a flat surface and measure area to be covered. Determine the best layout so that no tiny slivers are left after cuts are made. Note that Cronin Stone is slightly different on each side and pieces can be turned either way for installation. Turn pieces to be cut as needed to achieve the best finished layout. (see diagram below)
3. Establish bottom working line that is level. If cuts are needed on the bottom pieces, a level board can be temporarily attached to start the second row. This board can be removed after mortar has set and bottom pieces can be cut in.
4. If there are outside corners, you must start the installation from the outside corner. Install stone panels on each side of the corner and stair step up to maintain good working lines. If there are 2 outside corners on a wall at least 1 side will need to be cut in: Check measurements and lay out cuts to keep as large of pieces as possible. (**Important note:** Corners come 5 pairs to a carton. Each pair is a matched set; your installation will be easier and look better if you keep the corners paired as they are in the carton.)
5. Mix Ardex X 9, following directions on the bag and prepare to set tile, working from several boxes, or multiple crates on large jobs.
6. Spread Ardex X 9 with either a Platinum Series PINT3 trowel or a 1/2" x 1/2" square notched trowel after keying in the mortar with the flat side of the trowel. Spread only as much mortar as you can cover before it skins up, being especially careful in hot or windy weather. Test frequently with your glove; if you press on the spread out mortar with your glove and mortar sticks to it the mortar is still good. If mortar does not stick to your glove when touched, it needs to be re-troweled.



Correct cut, leaving larger piece



Incorrect cut, leaving sliver on bottom

7. With the flat side of your trowel, spread a layer of mortar over the back of each stone panel and immediately place in the troweled mortar. Continue up the wall maintaining level courses of stone. Keep the face of the stone clean as you proceed. Mortar can, in most cases, be cleaned off the next day but it is far easier to clean as you go.
8. After the stone is set, or at the end of each day, clean mortar off of the surface of the stone with a sponge and clean water. No grouting is required.
9. All exterior installations must be properly be flashed

Once mortar has cured, Cronin Stone can be washed off with a hose for normal cleaning. If heavy cleaning is required, mild acids and/or a stiff brush will not harm the stone. Phosphoric or sulfamic acids are recommended at a concentration of 5%. Rinse all cleaning solutions thoroughly with clear water after cleaning.