



## INSTALLATION INSTRUCTIONS

NEVER LEAVE CUT EDGES OF NEXTSTONE PRODUCTS EXPOSED. ANY DEVIATION FROM STANDARD INSTALL INSTRUCTIONS MUST BE MADE WATER-TIGHT (VAPOR BARRIER) AND SEALED WITH CAULK AND TOUCH-UP PAINT.

### TOOLS

1. Circular saw with steel or carbide tip blade.
2. 4' level
3. Tape measure
4. Chalk line
5. Power/cordless drill and 4" bits or extension
6. Framing square
7. Wood rasp
8. Caulking Gun
9. Dusk mask
10. Safety glasses

### ASSEMBLE REQUIRED MATERIALS

1. Screws. #6 x 1" depending on substrate. Allow approx 1 screw per square foot of area to be covered. For exterior applications, we recommend good quality deck screws or stainless steel screws.
2. Plumbers tape. Used to install outside corners. Allow 1 roll for 5 outside corners.
3. NextStone color matched grout and touch up paint.
4. Adhesive (optional). Use a good quality polyurethane adhesive. We recommend Chemrex 948, PL Premium Construction Adhesive or Sonneborn Premium.

### NECESSARY

### KNOWLEDGE

Protect the visible surface when handling. Always store panels horizontally within carton. Wall faces should be flat and flush. Correct bumps and curves, shim or fill.

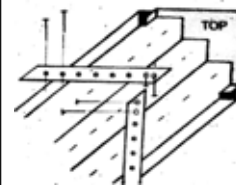
### 2. ATTACH THE STARTER STRIP

1. Measure 4" up the wall from the base at each end of the area to be covered and mark.
2. Snap a chalk line between the two points.
3. Backset from edge 1" for outside corners, 2" for door/window trim or 3" for inside corners.
4. After allowing in width for accessories, position the starter strip with the top edge on the chalk line and so that the "v" is at the bottom on the starter strip and away from the wall.
5. Attach the starter strip with screws on 16" centers
6. This will provide 1" clearance between the bottom of the panel and the base or floor.
7. Check starter strip with level.



### 3. INSTALL OUTSIDE CORNERS

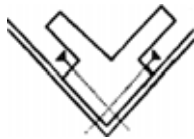
1. Determine how you plan to finish the corner as this will dictate the length of the corner. Corners can be finished with ledger or with corner caps. For ledger finish the top of the corner (the end with the lip on top) should be 1 3/8" below the top of the flange on the top panel. For corner caps, it is at the installer's discretion. Dry fit if the top panel must be cut horizontally.
2. Cut 6 pieces of plumbers strap approx 6" long. With the corner upside-down so that the "stair-step" blocks are exposed, attach the strap to the top block on the left side so that it extends out at a right angle to the corner, do the same to the 3<sup>rd</sup> block and to the bottom block, then to the same three blocks on the right side. Apply the corner so that the bottom of the corner lines up with the bottom of the first panel and screw through the end of the strap into the structure. You may also wish to glue the corner using polyurethane adhesive.



**4. INSTALL INSIDE CORNERS AND DOOR/WINDOW TRIM**

1. Install inside corners. See Step 3, #1. The same applies to inside corners except the top of the corner should be 1/8" below the top of the flange on the top panel.

2. Locate corner so that the bottom of the corner will be flush with the bottom of the bottom panel. Screw thru the recessed channel at top, bottom and middle of each side of the corner using at least a 4" screw.



3. Install door/window trim. Use a level when locating Door Trim. Install with dado away from the frame. Measure the total height of the wall before the ledger attachment to determine quantity and length of pieces. Screw at a 45 degree angle through the top of the piece and down along the inside edge, making sure to attach securely to the underlying substrate. To miter for use with ledger, cut the top of the piece on a 15 degree angle, with the long side of the angle against the wall.



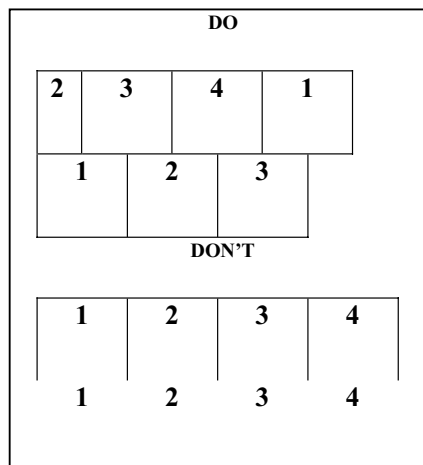
**5. INSTALL PANELS**

1. Installing the first course. Starting from the left, take a full panel and attach the bottom tongue into the starter strip groove. Slide the panel behind the accessory piece. Using the screw guide points, screw into the substrate every 16", with a minimum of 4 screws per panel. Measure the length of the final piece from the edge of the grout line to extend 1" inside the accessory piece. Check for level.

2. Installing the second course. Staggering the panels helps keep any joint lines from standing out. Begin the second run from the left with a portion of a panel. Use the off fall from the previous run if possible. Slide the panel down over the bottom row tongue. Then slide the panel left behind the trim piece and screw in place as before. End row as before and check for level.

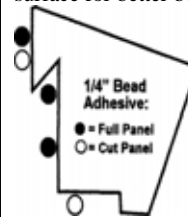
3. Avoid stacking or placing same numbered panels (the number is on the back of the panel) next to each other.

4. Adhesive Application Method-Lightly sand ridges to remove mold release agent. Apply 3/8" beads along vertical ridges. On masonry walls, use anchored screws to allow adhesive to set.



**6. INSTALL LEDGER AND CORNER CAPS**

1. The Ledger Piece makes an ideal transition to other materials. The Ledger can attach in 3 different ways: Directly over the top row of the tongue, on top of a horizontally cut panel or attach the ledger using blocks of wood. Measure where to pre-place the blocks and attach the ledger by adhesive on these blocks screwing the ledger to the blocks from underneath. It is important to end both sides of the wall with finished ledger ends. It is best to take the total length, and cut equal amounts from the center of the wall. This allows a tight union between the pieces with finished edges on each side. Measure and cut each ledger for a center union and cut each end square for a good fit. Use rasp to round edges and enhance appearance. Toe Screw the Ledger to the underlying substrate, with screws placed minimum 16" apart. Additional gluing is recommended. Before gluing, lightly sand the ledger gluing surface for better bonding.



Exterior applications require flashing for moisture control. The flashing covers the screw attachments for professional results.

2. Corner caps are simply glued on using Polyurethane adhesive.