

TECHNICAL BULLETIN

STONEFAÇADE COLUMN INSTALLATION INSTRUCTIONS

STONEfaçade is approved for use in vertical column applications. The following conditions must be met regardless of column size:

- 1) CertainTeed does not provide instructions for column structural design or assembly. Column attachment surface must meet the following conditions
 - a. Columns must be sheathed with either 7/16" OSB or 1/2" plywood that is in good condition and properly fastened.
 - b. Structure must be able to handle stone panel weight of 15 lbs./sq. ft. exclusive of any other external loading; i.e, windload or seismic load.
 - c. Column surface must be plumb and flat within 1/4" over 10' in any direction.
 - i. Using a string along the surface of the column, measure the deflection of the surface (from lower point of the wall to the string).
 - d. STONEfaçade cannot be fastened over foam sheathing.
- 2) Column structure must be weatherproofed in accordance with local code.
- 3) Recommended clearance of 4" above grade or 2" above a paved surface must be maintained.

When installing STONEfaçade in a column application, the recommended pattern of panels and corners changes as the size of the column increases. Examples of column sizes and recommended application methods follow:

10" x 10" or 12" x 12"

(STONEfaçade corner pieces only; no STONEfaçade panels required)



- 1) This application uses only corner panels.
 - a. The 10" x 10" can be done using a variety of corner sizes.
 - b. The 12" x 12" can only be achieved using corners with long return legs.
- 2) Apply starter strip to all sides of the corner (refer to STONEfaçade installation instructions for details)
- 3) Align first corner on column and use a screw to hold it in place temporarily. Using the short return leg of the next corner, measure to determine where the first corner will need to be cut to fit.
- 4) Cut corner and apply to column. Continue around the column, applying corners around all four sides in the same direction.
- 5) For the second row, reverse the direction of the long return legs so as to avoid creating a pattern.
- 6) Alternate the direction of the return legs on each row as you move up the column

16" x 16"

(STONEfaçade panels and corner pieces required)



- 1) This application uses both panels and corner pieces.
- 2) Apply starter strip to all sides of the corner (refer to STONEfaçade installation instructions for details)
- 3) Apply first side of the column with long return legs of corners facing each other. Trim corner pieces as needed to fit.
- 4) Move to the opposite side of the column. Apply corners to the column with long return legs of corners facing each other. Trim corner pieces as needed to fit.
- 5) Measure the remaining space between the short return legs of the corners. Cut panels to fill the gaps and apply.
 - a. You may have to chisel material away to make cut edges fit
 - b. Check cut panel edge height from wall versus corner projection from wall to avoid significant areas of exposed aggregate.
- 6) Alternate return legs as you work up each course (long/short/long/short) so as to avoid creating a pattern.

24" x 24"

(STONEfaçade panels and corner pieces required)



- 1) This application uses both panels and corner pieces.
- 2) Apply starter strip to all sides of the corner (refer to STONEfaçade installation instructions for details)
- 3) Apply first row of corners to all sides of column. Use corners that are the same direction (e.g. all RIGHT corners or all LEFT corners)
- 4) Measure the remaining space between the return legs of the corners. Cut panels to fill the gaps and apply.
 - a. You may have to chisel material away to make cut edges fit
 - b. Check cut panel edge height from wall versus corner projection from wall to avoid significant areas of exposed aggregate.
- 5) Alternate return leg direction as you work up each course (LEFT/RIGHT/LEFT/RIGHT) so as to avoid creating a pattern.

Transitioning to alternate materials



STONEfaçade can be capped for transition to alternate materials by mitering the STONEfaçade sill piece or Restoration Millwork trim pieces that are wide enough to cover the top of the STONEfaçade panels. (NOTE: Local code may require flashing be installed over the transition material prior to installation of alternate materials) Once transition is completed, alternate materials such as pre-formed columns, column wraps, or field-built columns can be applied to complete the installation.

All other installation practices as described in the latest [STONEfaçade Instruction Guide \(SF005\)](#) must be followed.

All products must be installed in accordance with all National, State, and Local building codes. Be sure to check with your local code official or governing body for the building requirements in your area.

Questions regarding the utilization of the above information should be directed to:

CertainTeed Help Line: 800-233-8990