

QUALITY STONE

Pillar Panel and Garage Panel Installation Guidelines

Quality Stone provides these Installation Instructions as guidelines. Quality Stone, however, does not install product or have control over the installation. It is the responsibility of whoever does the installation to ensure all Quality Stone products are installed in accordance to the Quality Stone Installation Instructions. It is also the responsibility of the installer to ensure that all applicable building codes are being met or exceeded. InStone Distribution assumes no liability for either improper installation or personal injury resulting from proper or improper use or installation.



The following installation instructions must be followed for warranty purposes and for optimal performance. The operator of any power tools or other tools should be skilled and familiar with the correct use of each tool. Always study and follow local Building Codes when applying Quality Stone. Proper safety gear must be worn at all times.

For more information, please visit our website or contact us:

www.qualitystoneproducts.com

Toll Free at 1-877-477-4373

Email at info@instoneproducts.ca

REQUIRED TOOLS:

Miter or Circular Saw, and Table Saw
Pencil
Safety Glasses

Drill
Level
Earplugs

Measuring Tape
10 oz. Caulking Gun.
Dust Mask

HANDLING AND STORAGE OF PRODUCTS:

Quality Stone products are highly impact resistant once they are installed, but should be handled carefully to reduce damage prior to installation. The products should be laid flat and kept out of direct sunlight or they may be susceptible to warping. Exposed polyurethane will yellow in the sun. Ensure any exposed areas are covered with the recommended Stone Finish (textured caulk) to protect from UV.

Different climates will also have a movement affect (expansion and contraction) in polyurethane products. Quality Stone has been designed to best adapt to this change, but it is always best to install when panels are cool— please ask representatives for the best stone fit for your application.

PRODUCT COLORING:

Please ensure, wherever possible, that the production dates on all product being installed side-by-side are the same. This will help ensure consistent coloring. Most of the time product from different dates will match up, but the installer should check this before installing. Also, there is the possibility for a panel to be slightly off-colored in a batch. Again, the installer should check all panels match before installing.

FINISHING AND MAINTENANCE:

Stone Finish caulking and/or touch-up paint must be used to cover exposed polyurethane, screw holes, damaged panels, or to add extra color. Exposed polyurethane will yellow and can deteriorate over time.

PILLAR PANELS

INSTALLATION – 1-2-3

1. PILLAR SIZE - Pillar Panels are designed to fit snugly on an 8", 11", and 24" posts. If your post is less than the recommended size, it is recommended that your build out (fir out using 2x4's, plywood, etc.) the pillar to be just less than, or equal to, 8", 11", or 24" on all sides. (ie. 7 ¾" for the 8" Pillars, 10 ¾" for the 11" Pillars and 23 ¾" for the 24" Pillars or even less may be recommended to allow for lumber or framing imperfections.) The Pillar Panels are about 48" tall (coverage) and provide about 52" coverage with a Ledge Trim on top. Pillar Panels can also be stacked one on top of another to cover a full 96" post (or taller).

(If Pillar Panels are being stacked, the installer must ensure the proper rainscreen and/or water barrier is installed behind the panels as the pieces are not designed to lock together to keep water from getting in behind.)

The Pillar Panels have a 'finger-joint' fit on the sides, which again can be sealed to keep water out. There is only one design (mould) of panel for the 8" and 11" Pillar Panels, so the panel must be flipped the opposite direction on each alternating side. This will allow the pieces to fit together, and will make each alternating side look different. The 24" Pillar Panels have an 'A' and a 'B' panel with a lip at the top.

2. CUT: The panels can be cut horizontally to create any different height. Ensure that each alternating side is cut exactly the same (with two sides flipped to alternate), so the 'finger-joint' fits together perfectly.

3. FASTEN: Two sides should be installed by putting screws diagonally through all narrow horizontal courses. The two alternate sides will need to be face-screwed, using a minimum of (6) screws per side. If the screws are visible, Quality Stone 'Stone Finish' caulking should be used to hide the screws. Quality Stone Touch Up Kits should be used in combination with the caulking to ensure a long-term color match. Fasten the Pillar Panels using 2 ½" – 3" deck screws.

EXPANSION AND CONTRACTION:

The product panels will expand and contract much like many other building materials. Although it is very minimal, it is recommended to install your panels when they are cool (contracted state) and as tight as possible to minimize the visual appearance of expansion and contraction. If a gap(s) is noticeable, Quality Stone Finish caulking can be used to fill in any gaps for a seamless finish. In some cases, backer rod should be used first to fill gaps and then add the Stone Finish.

APPLYING LEDGE TRIMS:

Ledge Trims can be installed on the top of the Pillar Panels to create a finished look. The Ledge Trims should be cut at a 45-degree angle (miter) to create a clean look where the trims meet. Approximately 1 ¼ Ledge Trims will be required to finish the top of the 8" pillar, about 1 ½ Ledge Trims for the 11" pillar, and about 2 ½ - 3 Ledge Trims for the 24" pillar.

Place at least (4) 3 ½" screws (every 12") into the face of the Ledge Trims and countersink them at least ½". Stone Finish can then be used to fill the seam and the screw holes. Quality Stone Touch Up Kits should be used in combination with the caulking to ensure a long-term color match.

FOR APPLICATIONS OVER OLD BRICK, GYPSUM, CONCRETE, AND PROPER RECOMMENDED ADHESIVES, ETC., SEE THE REGULAR INSTALLATION INSTRUCTIONS FOR DETAILS

GARAGE PANELS

INSTALLATION – 1-2-3

1. GARAGE SIZE - Garage Panels are designed to cover up a 24" width on either side of a garage door. See below if your space is less than 24". If your space is larger than 24", the Quality Stone Corner panels and regular Panels will be a better option.

2. CUT: If your space is less than 24", simply cut the straight side that meets up to your garage door or garage door trim. If the stone sticks out beyond the door or trim, Stone Finish should be added to the cut polyurethane. If the stone butts up to a trim that is thicker than the stone, Stone Finish may not be required.

3. FASTEN: There is only one mould for the Garage Panels. They can be flipped either way to work with the right or left side of a garage. They can also be placed one on top of another. (If Garage Panels are being stacked, the installer must ensure the proper rainscreen and/or water barrier is installed behind the panels as the pieces are not designed to lock together to keep water from getting in behind.)

Fasten the Garage Panels using 2 ½" deck screws. Place a minimum of six screws into the face of the Garage Panel, (2) about 1" in from the left and right edge and 1" in from the top and bottom of the panel, and (2) in the middle of the panel, also about 1" in from the top and bottom of the panel. Stone Finish can then be used to fill the seam and the screw holes. Quality Stone Touch Up Kits should be used in combination with the caulking to ensure a long-term color match.

EXPANSION AND CONTRACTION:

The product panels will expand and contract much like many other building materials. It is recommended to install your panels when they are cool (contracted state) and as tight as possible to minimize the visual appearance of expansion and contraction. If a gap(s) is noticeable, Quality Stone Finish caulking can be used to fill in any gaps for a seamless finish. In some cases, backer rod should be used first to fill gaps and then add the Stone Finish.

APPLYING LEDGE TRIMS:

Ledge Trims can be installed on the top of the Garage Panels to create a finished look. The Ledge Trims should be cut at a 45-degree angle (miter) to create a clean look when the panel and the trim wrap the corner. About 30" of Ledge Trim will be required to finish the top of one garage side, so 1 ¼ Ledge Trims will be needed to finish the two sides of a garage. Place at least (4) 3 ½" screws (every 12") into the face of the Ledge Trims and countersink them at least ½". Stone Finish can then be used to fill the seam and the screw holes. Quality Stone Touch Up Kits should be used in combination with the caulking to ensure a long-term color match.