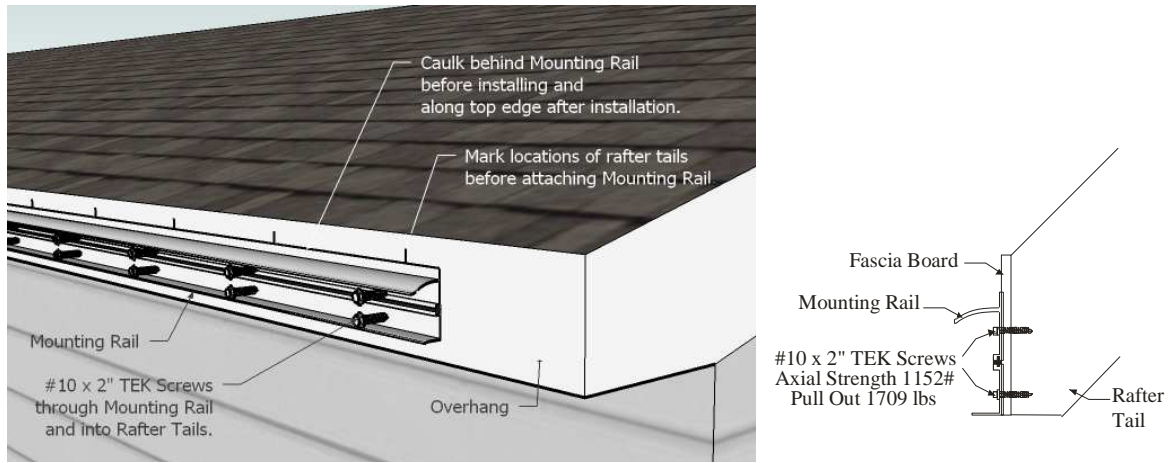
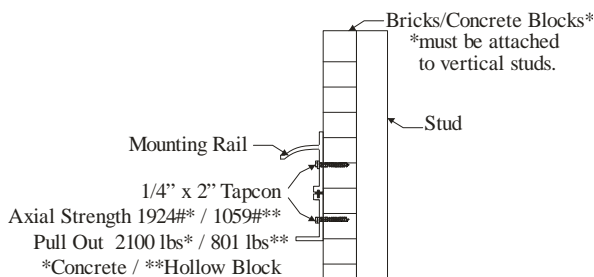
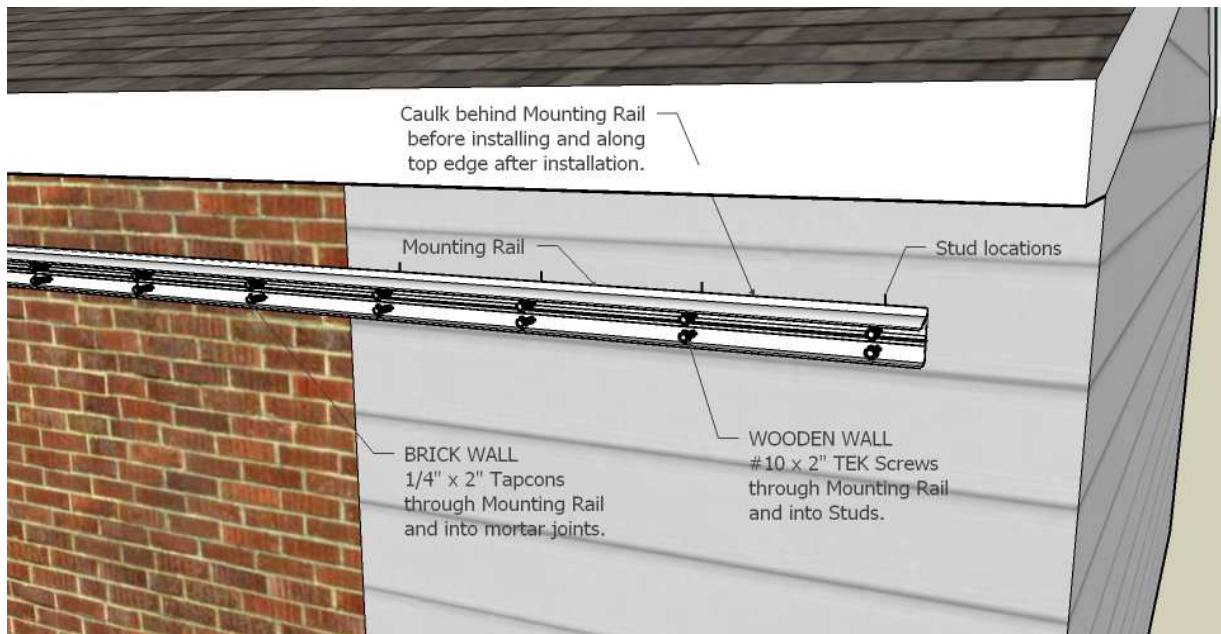


Roof System Installation

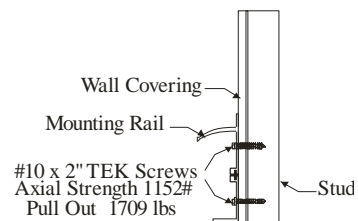
Attaching to an Overhang



Attaching to a Wall



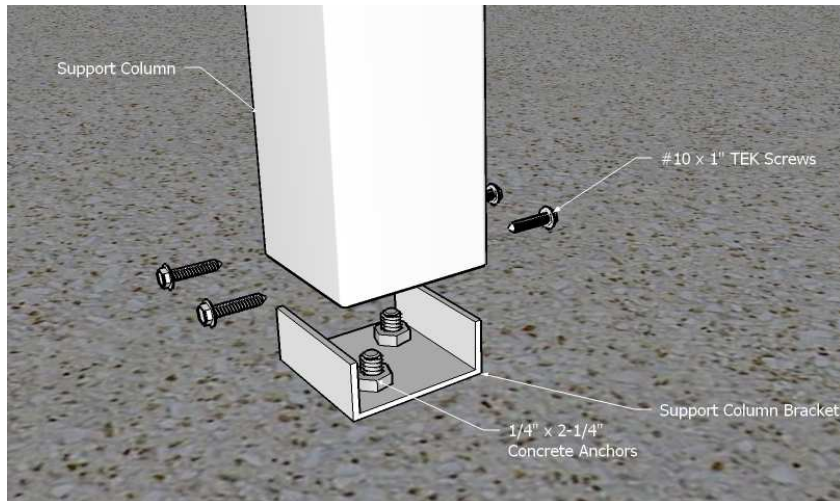
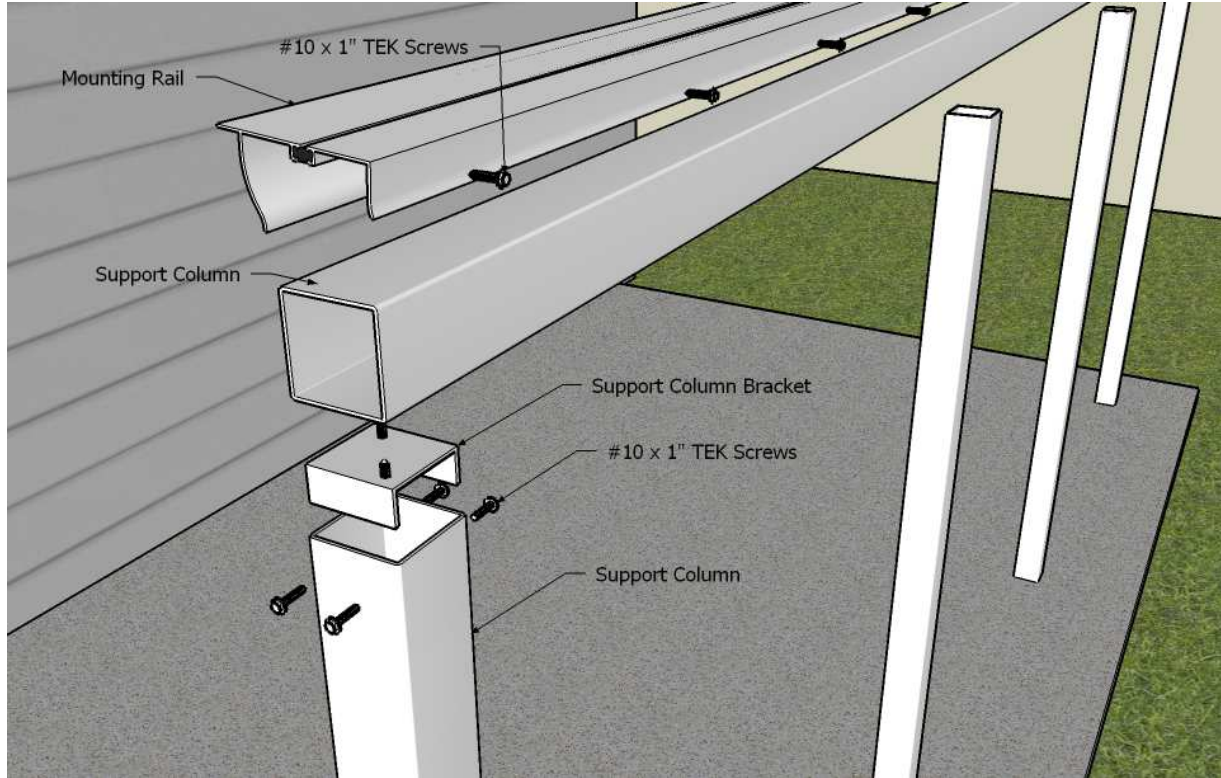
Brick / Block Wall



Wooden Wall

3" Post System

Secure the 3 x 3 Support Column Brackets to the bottom of the horizontal support with #10 x 1" TEK Screws. Insert the Support Column Brackets into the tops of the vertical Support Columns and secure with #10 x 1" TEK Screws. Cap the top of the horizontal Support Column with a Mounting Rail with the curved leg of the Mounting Rail toward the home and secure the short leg with #10 x 1" TEK Screws.

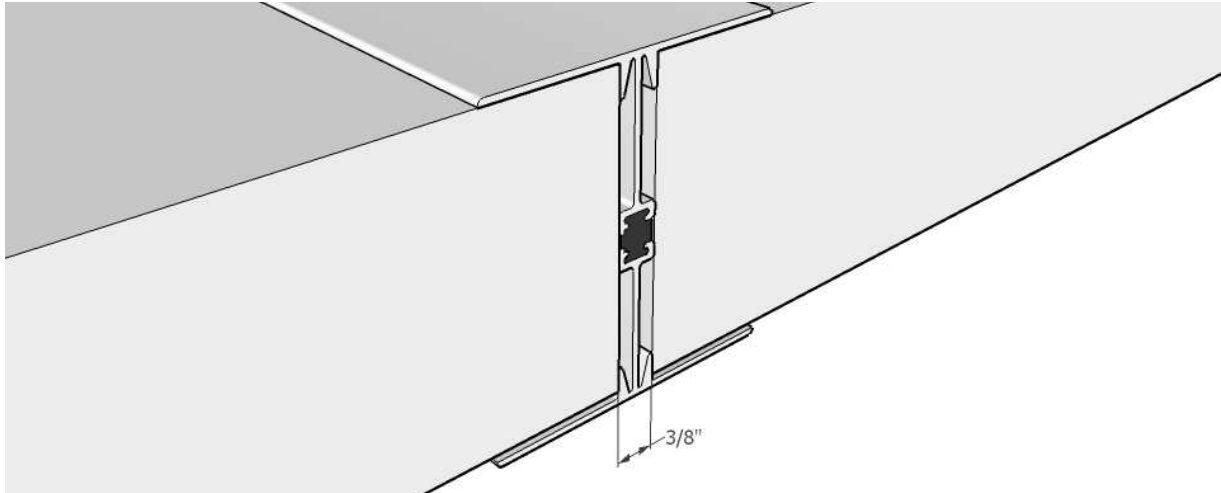


Anchor the Support Column Bracket to the concrete pad using two 1/4" x 2-1/4" concrete anchors.

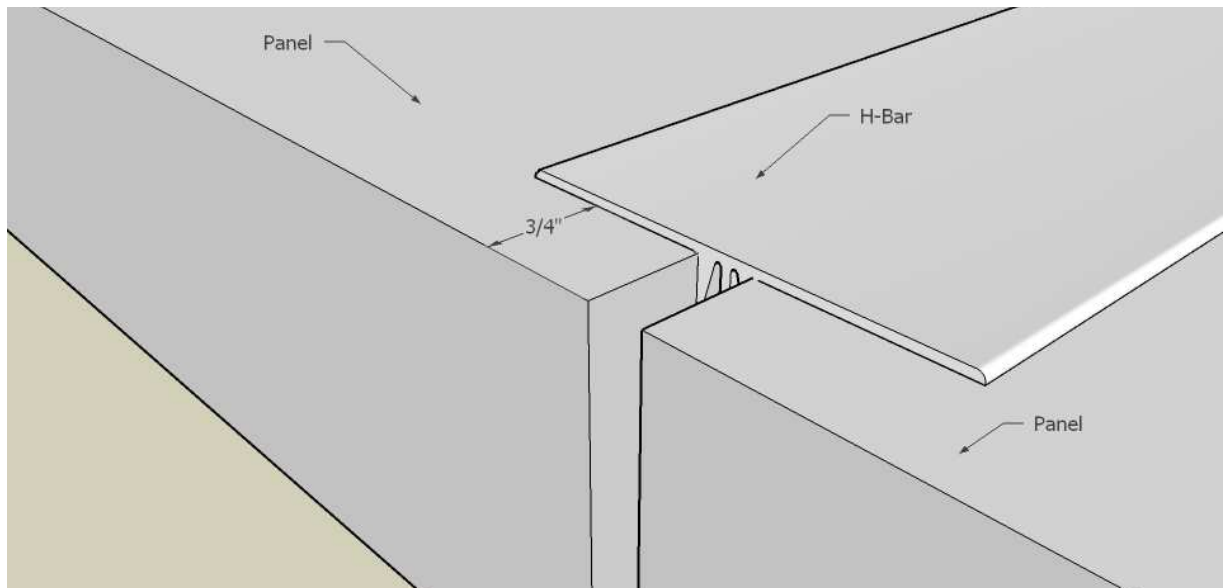
Set the Support Column down over the Support Column Bracket and secure with four #10 x 1" TEK screws.

H-Bar System

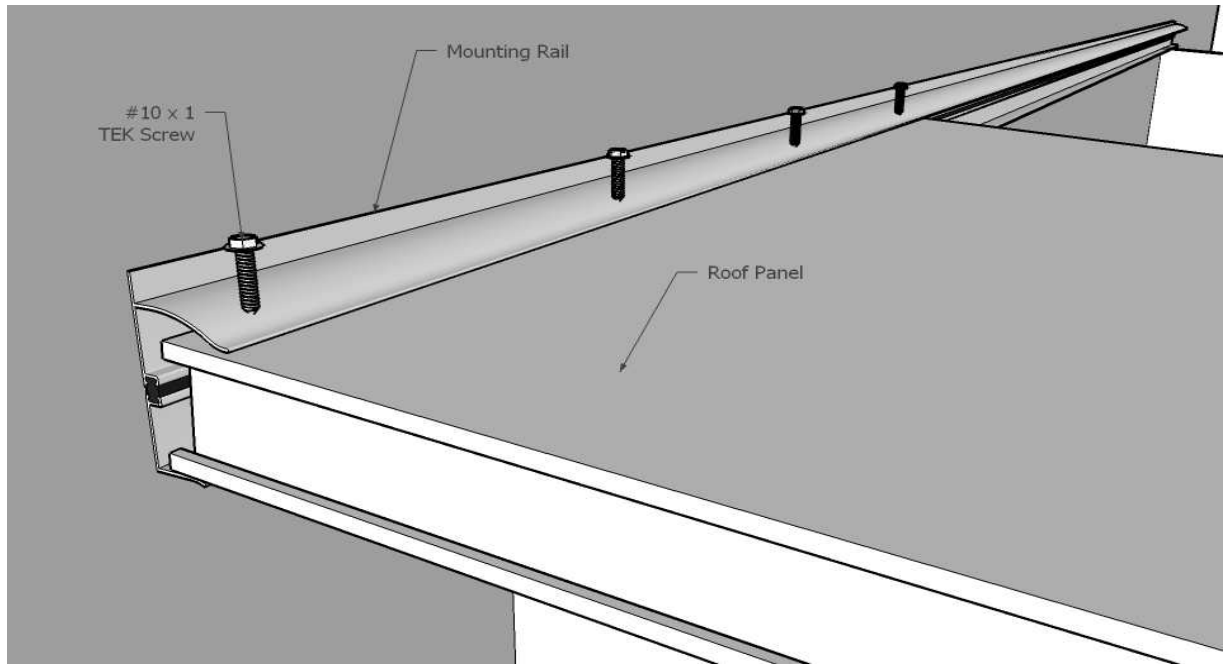
When using the H-Bar System, make sure to allow for the thermal breaks in the H-Bars when determining the length of the Mounting Rail. For each H-Bar used, add 3/8" to the overall width of the roof. For example, four 4' panels are needed for a 16' wide roof. The three H-Bars used to join the panels would add 1-1/8" (3 x 3/8") to the overall width. The Mounting Rail will need to be 16' 1-1/8", not 16' even. If extending the Mounting Rail is not a viable option, the difference in width can be cut off from the edge of one of the panels.



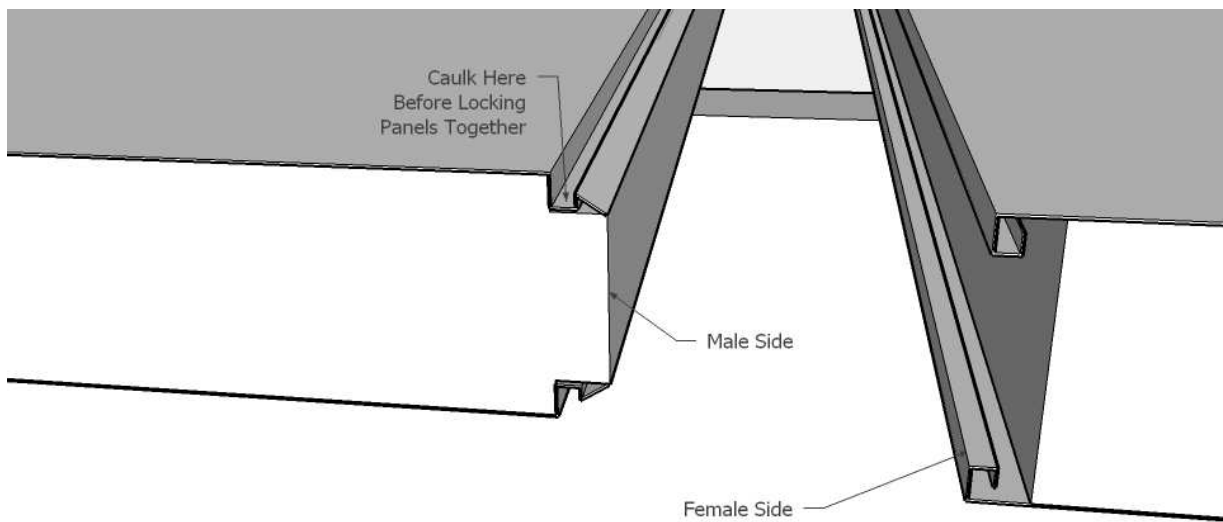
When cutting the length of the H-Bars, allow 3/4" at the front edge of the roof for the installation of the Super Gutter.



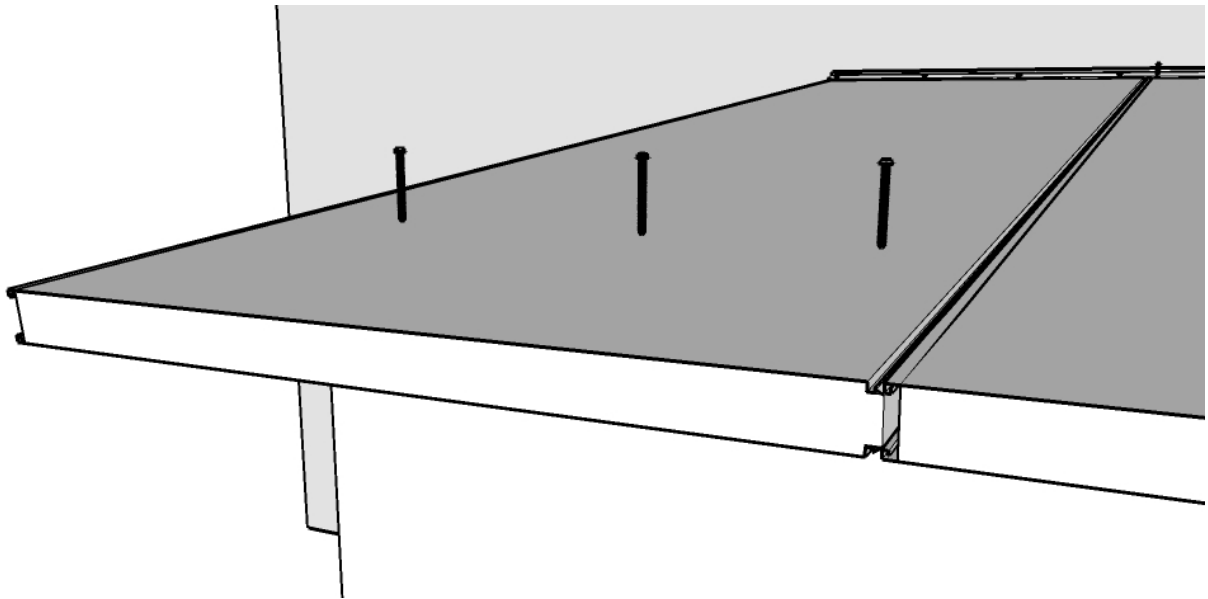
Insert the first panel into the Mounting Rail and secure with #10 x 1" TEK Screws.



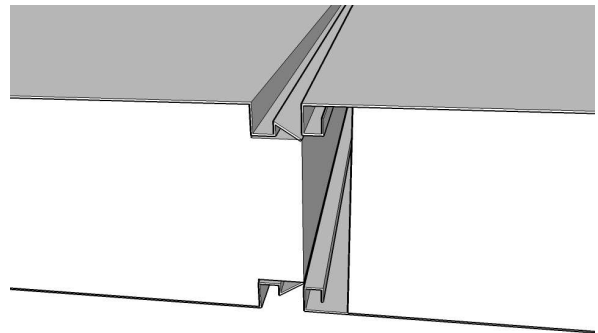
Fill the male portion of the lock with sealant before installing the next panel.



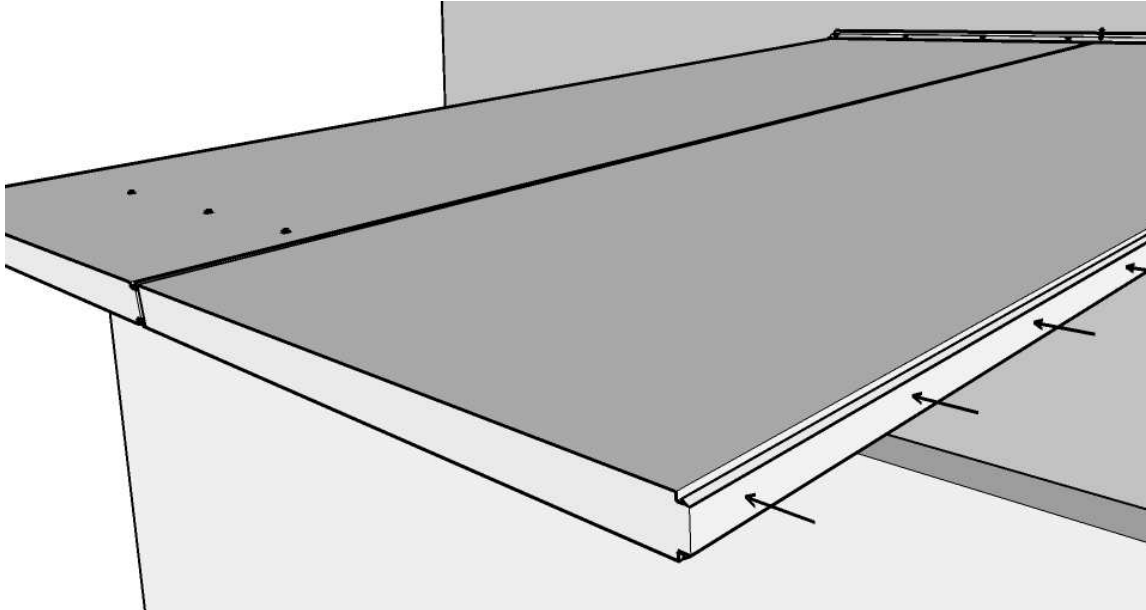
Secure the first panel to the post system with #12 x 4", #12 x 6", or #12 x 8" TEK Screws as appropriate for the thickness of the roof being installed approximately 12" on center.



Slide the next panel against the previous panel.



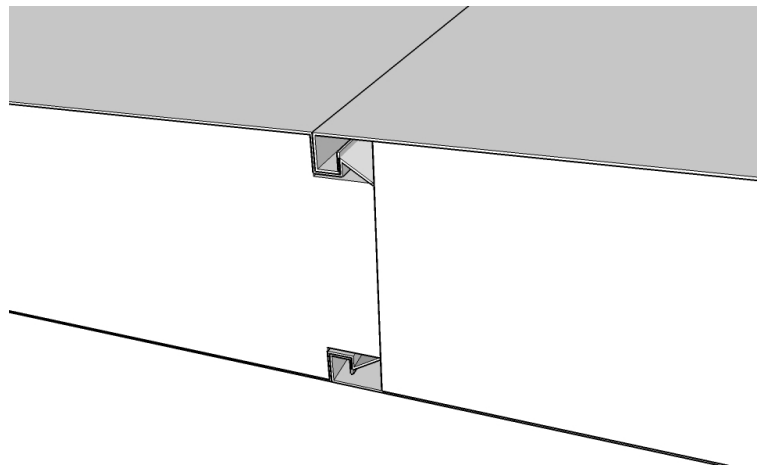
From the male edge of the second panel, push the panel until the female lock snaps over the male lock on the first panel, using gentle but firm pressure.



The female lock on the second panel will be securely locked onto the male lock of the first panel.

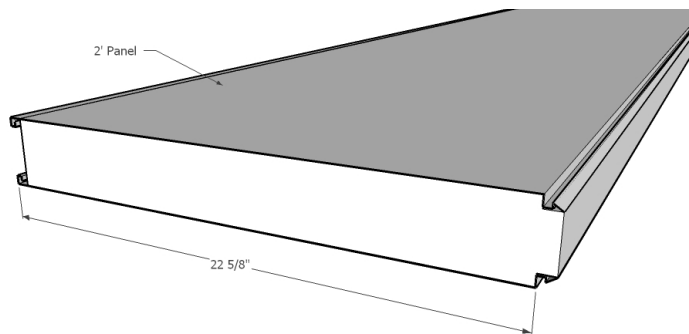
Secure this panel to the post system with #12 x 4", #12 x 6", or #12 x 8" TEK Screws as appropriate for the thickness of the roof being installed approximately 12" on center.

Continue installing panels in this fashion until all panels are installed.

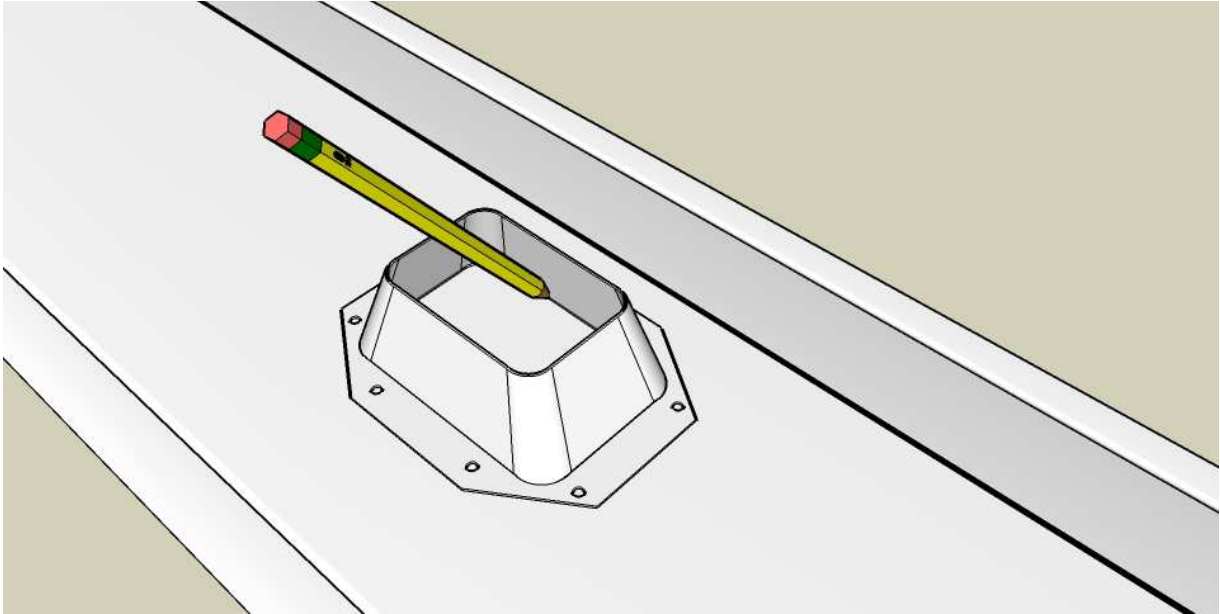


If the roof system will include a 2' wide panel, it is recommended that the 2' panel be placed in the middle of the roof system.

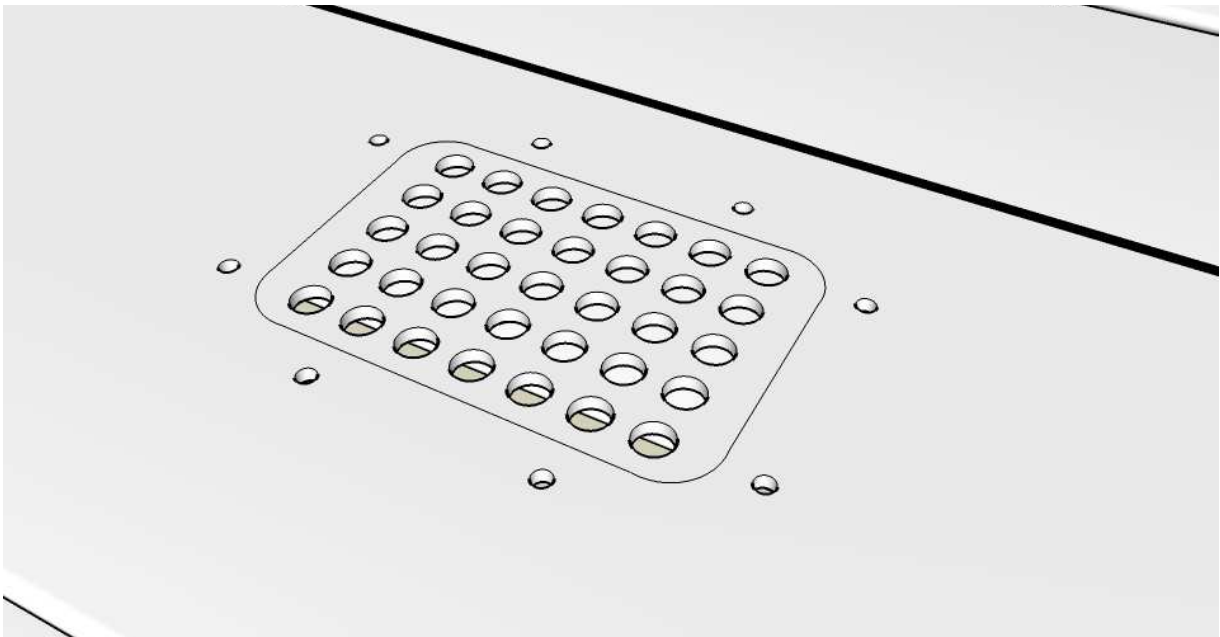
A 2' panel is less than 24" due to the roll forming of the locks on the edges of the panel skins. Adjustments must be made to the measurement of the mounting rail to compensate for the panel width.



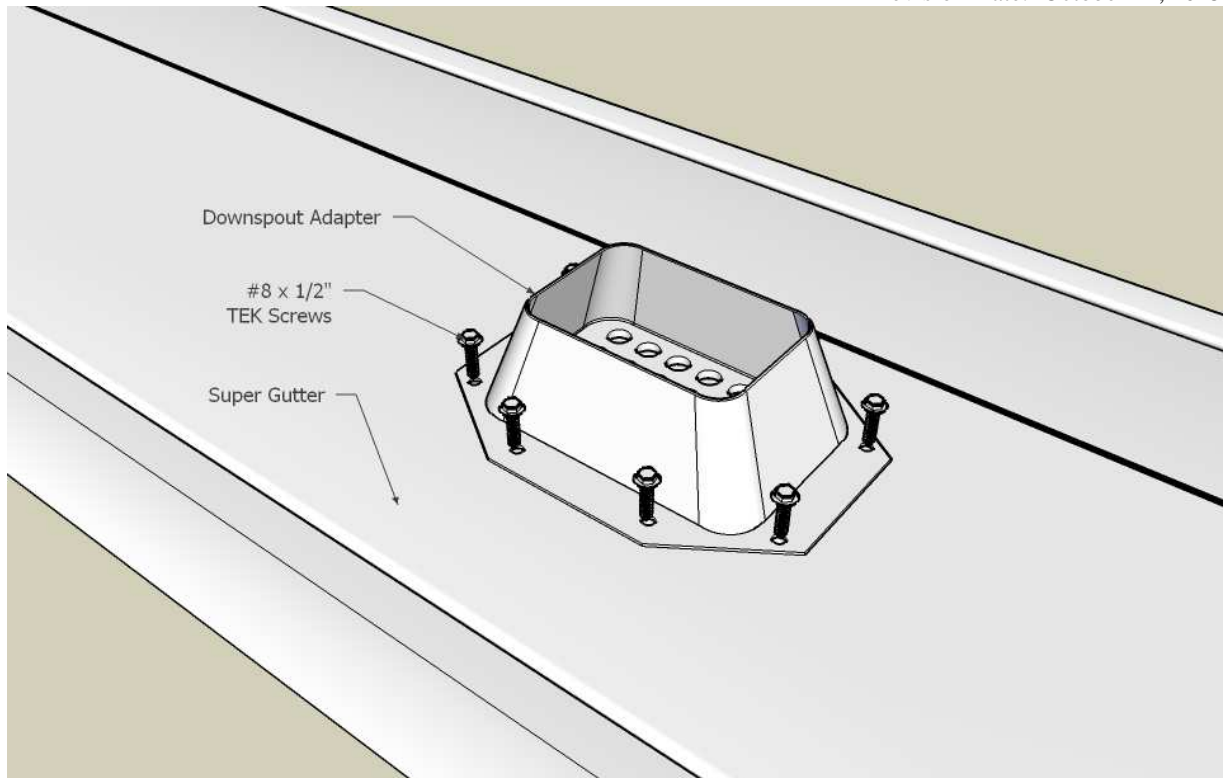
Cut the gutter so that it will fit flush with both edges of the roof. Before mounting the gutter to the front edge of the roof panels, flip the gutter over and mark out the location of the downspout by tracing the adapter's contour onto the gutter's bottom surface and marking the location of the screw holes.



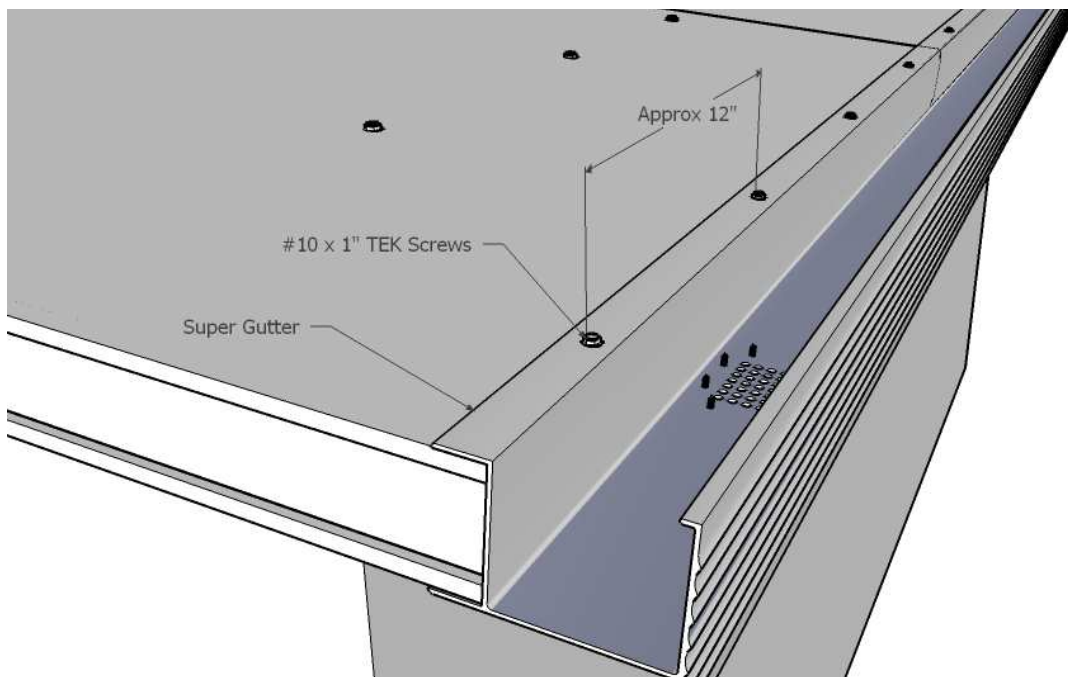
Drill holes within the traced outline of the adapter. The number and size of the holes is up to the installer, but should be sufficient to allow adequate drainage for rain water. Be careful not to place the holes too close to one another to avoid weakening the surface. Drill 1/8" holes around the perimeter on the marks traced from the adapter to allow for the #8 x 1/2" TEK screws that will secure the adapter to the gutter.



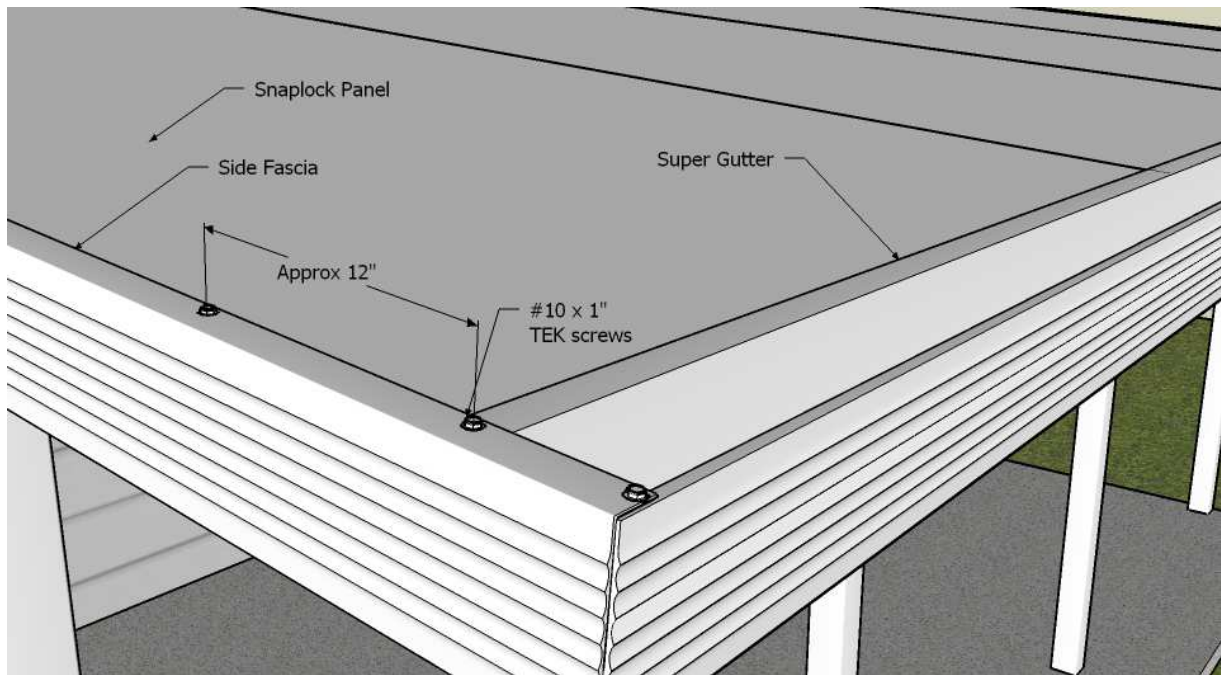
Apply a generous amount of sealant around the perimeter of the adapter and secure it to the bottom of the Super Gutter with #8 x 1/2" TEK Screws.



Place the gutter over the front edge of the roof panels. Secure the gutter with #10 x 1" TEK screws spaced approximately 12" on center.



The Side Fascia should be cut at the home side to match the profile of the home. The length of the Side Fascia should be from the back of the Mounting Rail at the home to the outside edge of the Super Gutter. The Side Fascia will act as an end cap for the Super Gutter. The top and bottom flange of the Side Fascia need to be slightly spread apart to fit over the end of the gutter. After the Side Fascias have been installed, seal the inside corners of the gutter and install the downspout assemblies.



After completing installation, caulk the seams where the panels snapped together. This will provide a second seal for each panel joint.