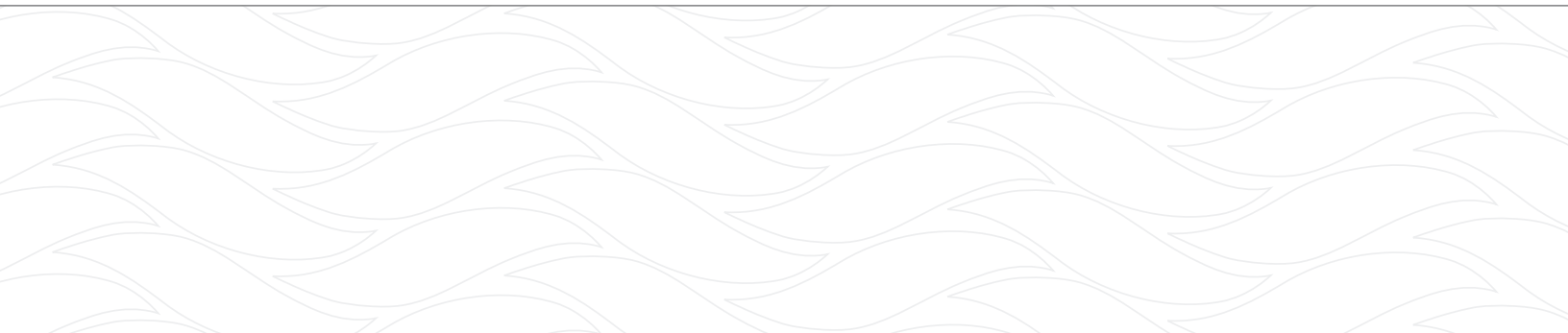




Rafter Tail

Installation Instructions





Tools and Supplies required for Rafter Tail Installation

- Safety Glasses
- Pencil
- Tape Measure
- Ladder
- Reciprocating Saw
- Circular or Hand Saw
- Nail Gun
- 16-Gauge x 2" Galvanized Nails
- Caulk Gun
- Painters Caulk
- Polyurethane Compatible Filler
- Sandpaper
- Paintbrush
- Oatmeal Primer (Sherwin Williams Exterior Resilience K43W00053)
- High Quality Exterior Latex Paint or Exterior Water-Based Wood Stain

Note: Rafter Tails should be installed by a professional contractor.

Step 1 - If the project is a remodel with an existing fascia board, the fascia board will need to be removed prior to installing the new Rafter Tails.

Step 2 - To install the Rafter Tails under a sloped soffit, determine the projection angle needed for your specific project.

For reference see Fig. 1 - Standard Blocking and Fig. 2 - Beveled Blocking.

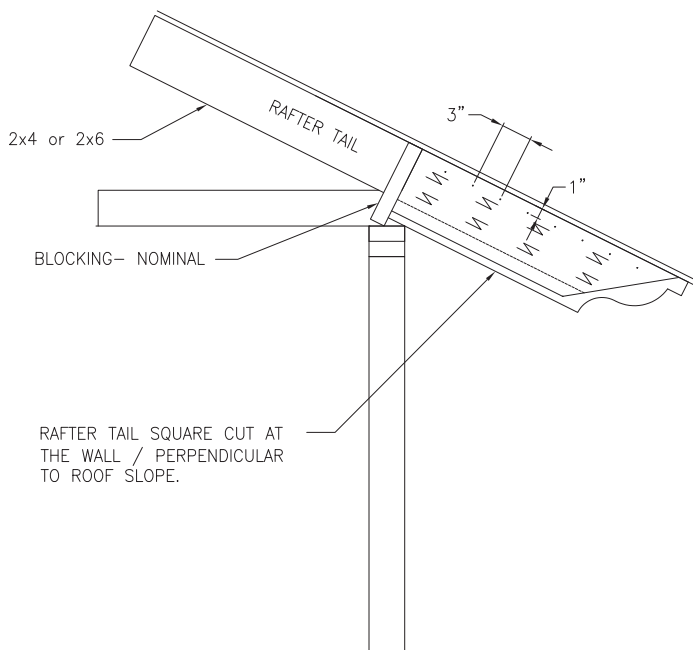


Fig. 1 - Standard Blocking

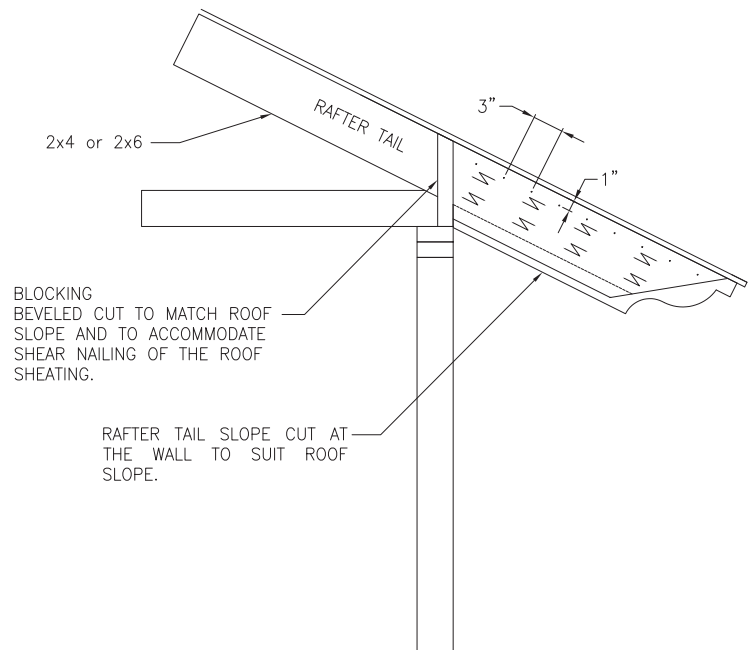


Fig. 2 - Beveled Blocking

Step 3 - Measure and cut the Rafter Tails to the correct projection and pitch angle. Pitch angle may not be needed for all applications.

For pitch angle reference see Fig. 3 and Fig. 4.



Fig. 3 - Side view with pitch cut

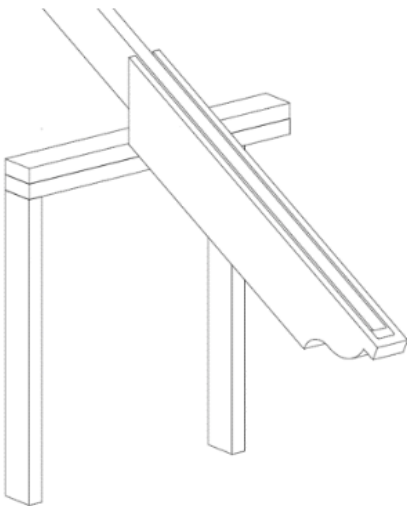
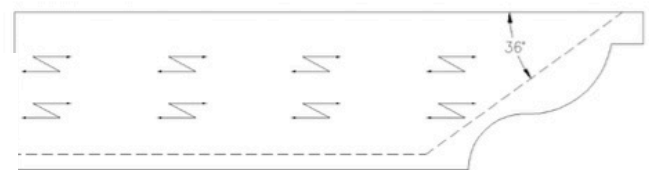
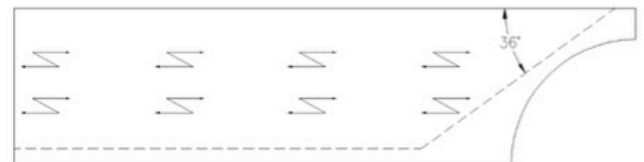
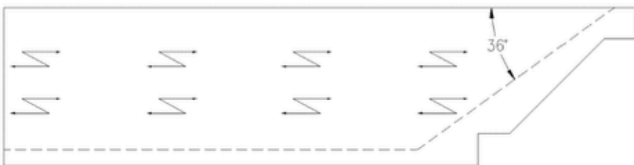
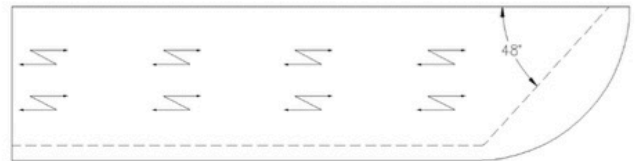
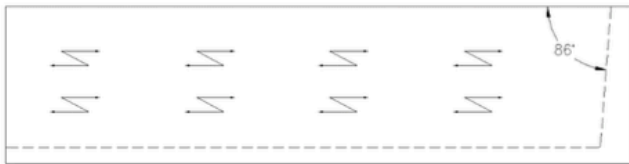


Fig. 4 - Side view without pitch cut

Step 4 - Once the Rafter Tails are cut to the correct dimensions, they should be finished using either a high quality exterior latex paint, or an exterior water-based wood stain. This step may be completed at the end if preferred. See finishing guidelines on fypon.com.

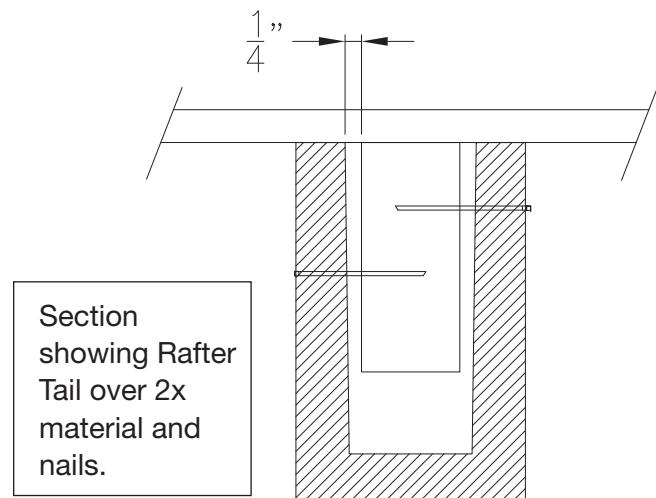
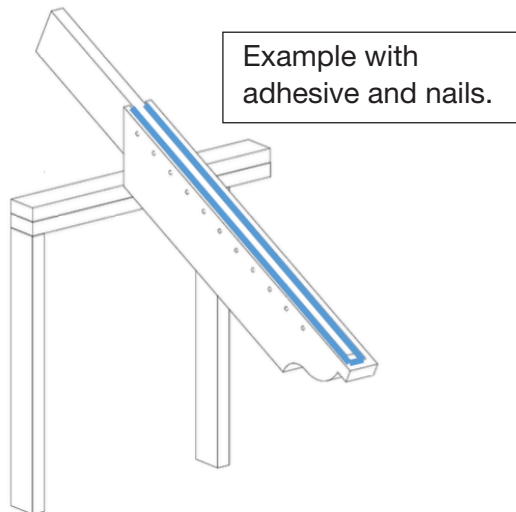
Step 5 - For installation over a structural 2x4 or 2x6, you will need to trim the front of the structural material to allow for the appropriate Rafter Tail profile to slide into place. If this is a decorative only application, see Step 7.

Below are the interior cavity angles for each profile design.

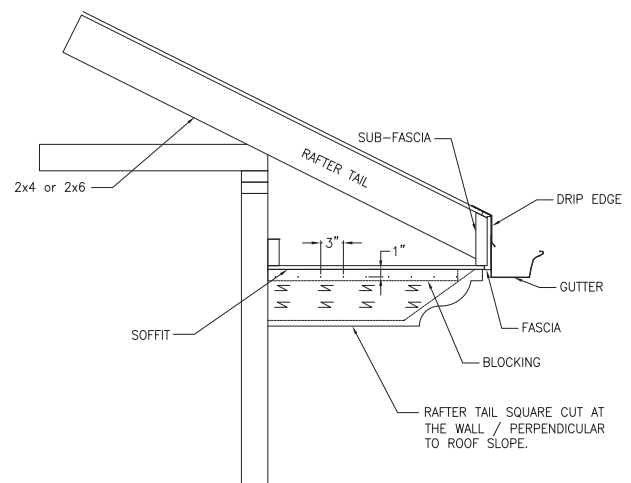
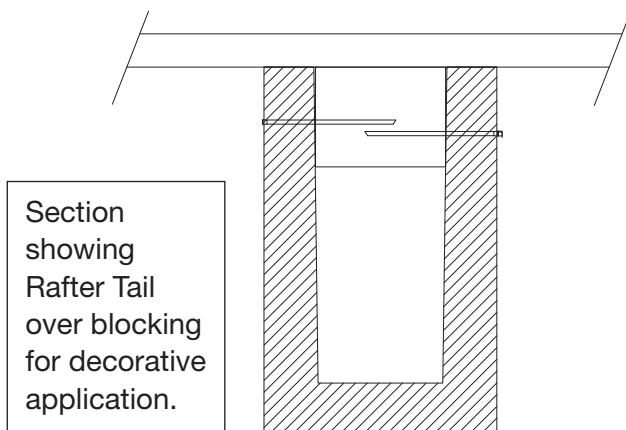


Example of Rafter Tail
over structural 2x6.

Step 6 - Apply a polyurethane compatible adhesive to the top edge of the Rafter Tail cavity. Place the Rafter Tail over the structural 2x material and nail into place using 16-gauge x 2" galvanized nails. Countersink nails on both sides of the rafter tail spaced approximately 3" apart. The first row should start approximately 1" from the top edge of the Rafter Tail. The second nail row (on the opposite side) should be staggered slightly below the first row to prevent splitting.



Step 7 - If you are installing the Rafter Tails as a decorative only element, create blocking that will fit fully inside the rafter cavity. Attach the blocking to the soffit. Then attach the Rafter Tail to the blocking using adhesive and 16-gauge x 2" galvanized nails as noted in Step 6.



Step 8 - Once the Rafter Tails are in place, patch the nail holes with a polyurethane compatible filler. Lightly sand and re-prime the patched areas using the oatmeal primer. Allow the oatmeal primer to dry before doing the final paint or stain touch ups.

Step 9 - If fascia board is specified, it should be applied at this time using standard roofing techniques.

Note: DO NOT step or walk on installed rafter tails. DO NOT place construction loads on installed rafter tails.



General Installation Notes

Any adhesives, sealants, fillers or paint used must be compatible with the material that is being installed (see manufacturer's recommendations in the Finishing and Adhesives section below). Always use corrosion-resistant mechanical screws or nails along with manufacturer's recommended adhesive product when installing all Fypon® products. This combination provides a secure, long-lasting bond. Countersink all fasteners about 1/8" and fill with product compatible filler. Exterior installations should be finished using a manufacturer's recommended caulk to prevent water infiltration behind siding, windows and doors.

Finishing and Adhesives

Fypon polyurethane products are factory primed. Depending on product location, always use interior / exterior-grade PUR compatible adhesives sealants and fillers when installing Fypon products. Consult the manufacturer's recommendations for your particular climate and the substrate you are installing to.

IMPORTANT

Please read these installation guidelines thoroughly before beginning installation. Please note that these guidelines are provided only to assist with the installation of Fypon millwork products. Modified procedures may be required in order to meet specific situations, unique applications and local building codes. The manufacturer does not, under any circumstances, warrant the installation of its products. Be sure to wear appropriate protective clothing, gloves and safety glasses when working with any tools. Installer should check for and relocate all electrical wiring within the proposed installation area, as needed (be sure to disconnect all electric power before working with any electrical wiring and follow all applicable local electrical codes and safety procedures).



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Fypon warrants all of our products to be free from defects in material and workmanship for as long as the original owner of the residential dwelling owns the property.
For complete homeowner lifetime limited warranty details, exclusions and limitations, please see your purchase location or visit www.fypon.com.