Installation Instructions
Mouldings

General & Safety Information

- Wear proper personal protective equipment (PPE).
- Operate all tools per manufacturer guidelines.
- Standard woodworking saws and blades can be used for cutting Fypon® polyurethane (PUR) products.
- Fypon PUR parts are NOT load bearing.
- For remodeling applications and alternative façades like stucco, vinyl, etc., please refer to Fypon General Remodeling and Alternative Façade Instructions, which can be found at **fypon.com/install**.
- For best results, finish and allow to dry prior to installation. Refer to Fypon General Finishing Instructions, which can be found at **fypon.com/install**.
- All Fypon products must be installed per the following instructions and finished within 90 days of installation to maintain warranty coverage.

Tools / Materials

- Pencil
- Tape Measure
- Level
- Square
- Hammer or pneumatic nailer
- Nail countersink
- Drill / driver (if using screws)
- Putty knife
- Saw (if trimming)
- Sandpaper (220-grit recommended)
- Caulk gun
- Exterior-grade polyurethane-compatible sealant and / or filler
- Exterior-grade polyurethane-compatible adhesive (Loctite® PL Premium® recommended)
- Exterior-grade fasteners (trim head screws recommended)

Installation Instructions

1) Cut moulding to length.

Allow moulding to acclimate to the installation temperature for 24 hours before cutting it to length.

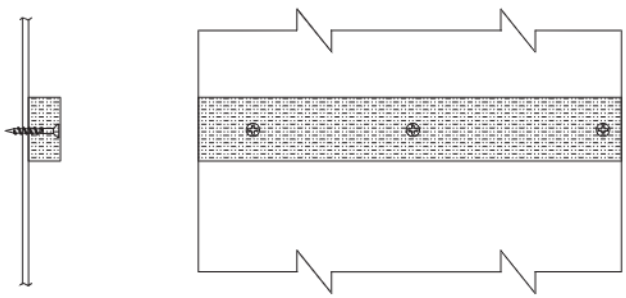
Measure location where moulding will be installed. Add 1/4" for every 10 feet of length and cut the moulding to that length to prevent gaps due to contraction in cold temperatures.

Note: Cut for miter joints at corners and butt joints at other seams.

2) Install ledger strip (if needed).

If the molding is hollow, install a ledger strip for it to mount to (Figure 2).

Figure 2



Installation Instructions
Mouldings

3) Apply adhesive.

Apply a 1/4" bead of adhesive on the mounting surface of the moulding, leaving some gaps at the bottom for water to escape (Figure 3A).

IMPORTANT! Also apply adhesive liberally on the ends at all seams to prevent separation (Figure 3B).

Figure 3A

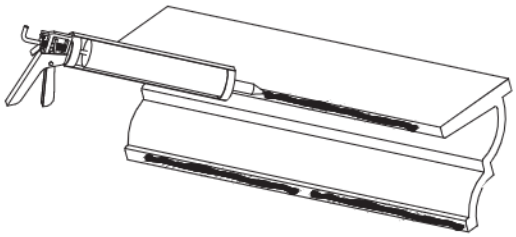
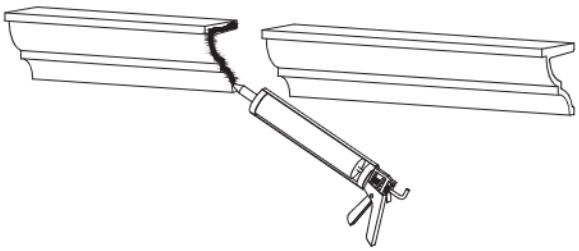


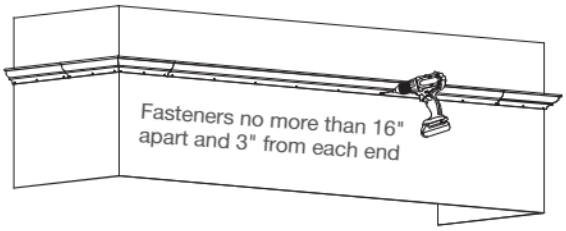
Figure 3B



4) Fasten moulding.

Use exterior-grade fasteners spaced not more than 16" apart, and not less than 3" from the end of each piece to secure moulding to the wall or ledger strip (Figure 4A). If the piece is between other pieces of moulding, it should spring fit (Figure 4B). Remove excess adhesive before it dries.

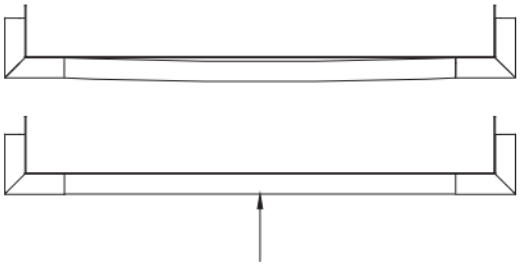
Figure 4A



5) Fill and sand fastener holes.

Fill fastener holes with filler and sand to match surrounding area, if needed, but be careful not to remove the primer.

Figure 4B



6) Touch up or finish.

Refer to Fypon® General Finishing Instructions. If part was finished prior to installation, touch up filled fastener holes with color-matched finish. Caulk edges and exposed fastener heads to prevent water penetration around the moulding.

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Installation Instructions
GPK100 Pediment Fabrication

General & Safety Information

- Wear proper personal protective equipment (PPE).
- Operate all tools per manufacturer guidelines.
- Standard woodworking saws and blades can be used for cutting Fypon® polyurethane (PUR) products.
- Fypon PUR parts are NOT load bearing.
- For best results, finish and allow to dry prior to installation. Refer to Fypon General Finishing Instructions, which can be found at **fypon.com/install**.
- All Fypon products must be fabricated per the following instructions and finished within 90 days of installation to maintain warranty coverage.

Tools / Materials

- Pencil
- Tape measure
- Torpedo level
- Square
- Hammer or pneumatic nailer
- Nail countersink
- Drill / driver and #2 Phillips driver bit
- Putty knife
- Sandpaper (220-grit recommended)
- Saw
- Caulk gun
- Chalk line
- Exterior-grade polyurethane-compatible sealant and / or filler
- Exterior-grade polyurethane-compatible adhesive (Loctite® PL Premium® recommended)
- Exterior-grade fasteners (trim head screws recommended)

Provided with kit

- (3) 4" x 48" flat boards
- (2) 18" x 24" large scroll brackets
- Plinth block
- T-6 T-Strap bracket
- (12) #10 x 1" Phillips pan head stainless steel screws
- (4) 2-½" long trim screws

Fabrication Instructions

1) Fabricate gable pediment frame.

Lay out the 4" x 48" flat boards on a flat surface, with the primed surface facing down (Figure 1A).

Apply a 1/4" bead of adhesive to the ends of boards 1 and 2 and press them together, making sure they are aligned and straight (Figure 1B). Remove any excess adhesive.

Attach the T-6 T-strap to boards 1 and 2 with (8) #10 x 1" Phillips pan head stainless steel screws (Figure 1C).

Apply a 1/4" bead of adhesive to the end of board 3 and press it against boards 1 and 2 at the center, using a square to make sure they are perpendicular to each other (Figure 1D). Remove any excess adhesive. ***(continued)***

Figure 1A

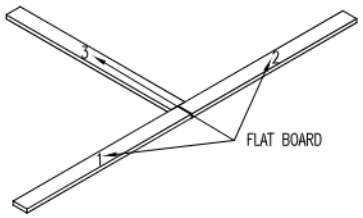


Figure 1B

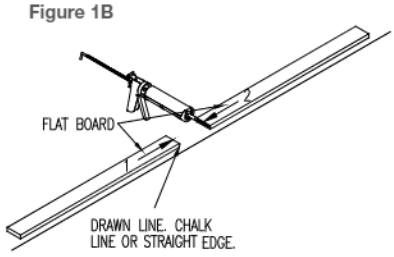


Figure 1C

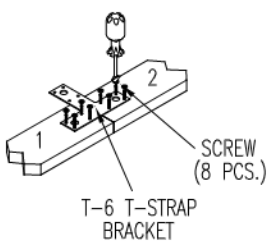
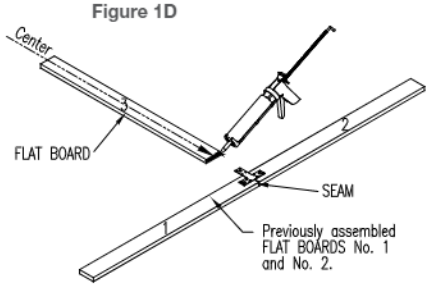


Figure 1D



Installation Instructions
GPK100 Pediment Fabrication

1) Fabricate gable pediment frame. ***(continued)***
Attach the T-6 T-strap to board 3 with (4) #10 x 1" Phillips pan head stainless steel screws (Figure 1E).

2) Mark scroll bracket locations.

Lay the two 18" x 24" large scroll brackets in place as shown. Use a pencil to mark the points where the brackets contact the frame, making marks on both the brackets and the frame (Figure 2). These will be used for alignment when the brackets are assembled to the frame.

3) Assemble gable pediment.

Apply a 1/4" bead of adhesive to the scroll brackets and the locations marked in the previous step (Figure 3A).

Press the scroll brackets into place, aligning the marks on the brackets with the marks made on the frame. Attach the bracket to the frame with 2-½" long trim screws at the locations shown (Figure 3B). Remove any excess adhesive.

4) Attach plinth block.

Turn the pediment over so the primed side (front) is facing up. Apply a 1/4" bead of adhesive to the back of the plinth block and place it on the gable pediment as shown (Figure 4). Push it up against the frame to ensure it is straight and remove any excess adhesive. Clamp the plinth block against the frame and let it sit overnight for the adhesive to cure.

Figure 1E

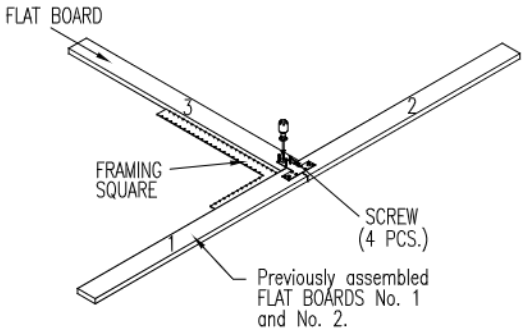


Figure 2

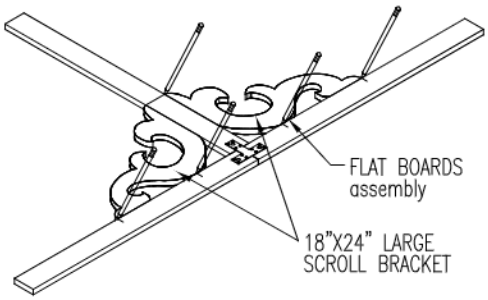


Figure 3A

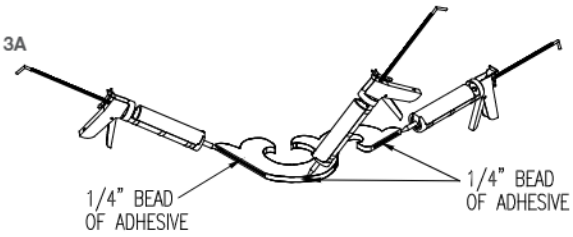


Figure 3B

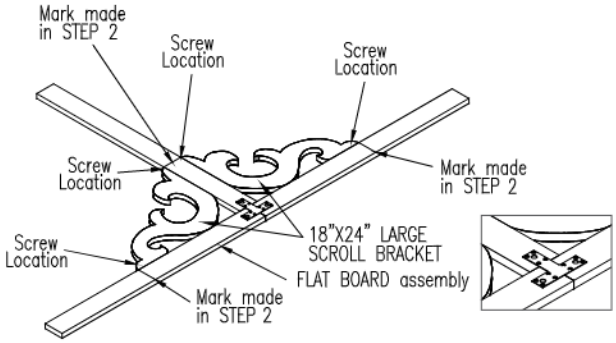
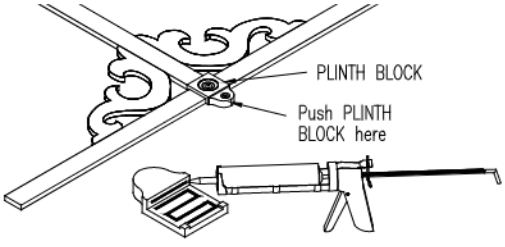


Figure 4



Installation Instructions
GPK100 Pediment Fabrication

5) Determine roof pitch.

Use a square and torpedo level to determine the roof pitch. Place the square so the 12" mark on the horizontal leg is at the roof line, this is the “run.” Use the torpedo level to level the square and note the dimension at the roof line on the other leg of the square, this is the “rise” (Figure 5). The pitch is rise / run, or that number over 12. In Figure 5, the pitch is 4/12. Make sure the marks are either both on the inside or both on the outside of the square.

6) Mark cut lines.

Note the pitch determined in the previous step. Figure 6A shows minimum and maximum run dimensions for common roof pitches which will still allow the scroll brackets of the gable pediment to fit. Determine the desired height or width of the gable pediment, and use the equation shown in Figure 6B to calculate the other value.

Measure and mark the gable pediment frame at these dimensions (Figure 6C) and use a square to draw square and straight lines across the boards. Then make a mark on the vertical board at the center of the board. Snap a chalk line on both the left and right sides of the pediment, between the mark at the center of the vertical board and the bottom of the horizontal boards where the lines are drawn. These lines will mark where the gable pediment frame will be cut.

7) Cut the gable pediment to fit.

Cut along the chalk lines so the gable pediment will fit in the desired location.

8) Finish and install.

Refer to Fypon Gable Pediment Installation Instructions.

Figure 5

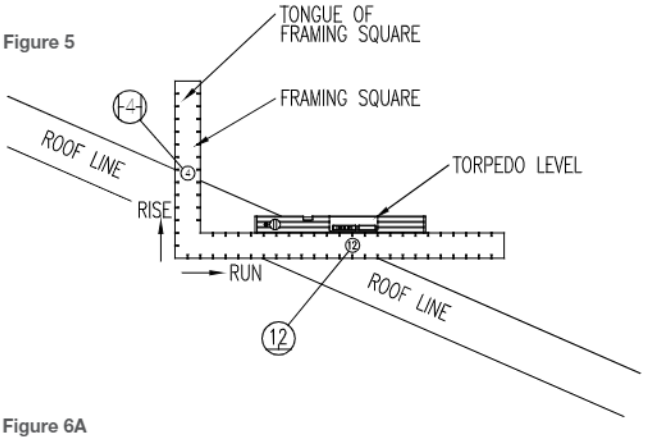


Figure 6A

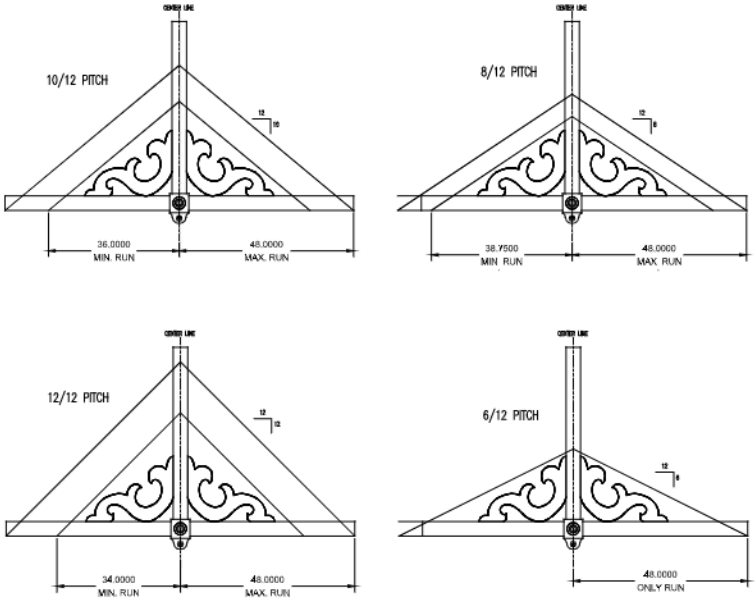


Figure 6B

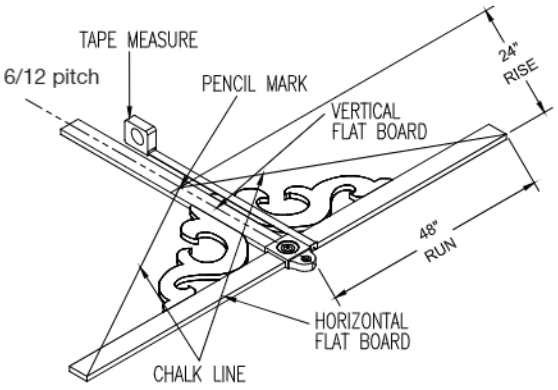
RISE EQUATION

RISE = RUN x PITCH

RISE = 48" x 6/12

RISE = 24"

Figure 6C



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