

# Miterless Crown Moulding System

## INSTALLATION INSTRUCTIONS

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### Materials needed:

- Safety glasses
- Tape measure
- Hammer or Pneumatic Nailer
- Miter Saw
- Hammer
- Nail Countersink
- Corrosion-Resistant Fasteners
- Caulk Gun
- Polyurethane Compatible Adhesive
- Polyurethane Compatible Filler
- Sandpaper
- Pencil
- Latex Paint

### 1. Draw a Layout of the Room

Begin by drawing a simple layout of the room. Determine the location and quantities of the parts you need. **Hint:** Use divider blocks to create your own special design. They hide the seams, adding beauty and making the system easy to install.

### 2. Apply Adhesive and Set Corner Into Place

Starting with one of the corners, apply a bead of adhesive to the backside of the miterless corner and set it into place.

### 3. Fasten Corner Pieces

Fasten the corner piece with fasteners, hiding them by driving into decorative or recessed areas of the corner piece. Continue with all other inside and outside corners in the room.

### 4. Install Divider Blocks

Apply adhesive to the back and side of the first moulding divider block. Set it into place tight against the miterless corner and fasten. Install a divider block on both sides of all corners in the room. Using your layout as a guide, fasten all additional divider blocks in place.

### 5. Determine Moulding Lengths

Using your room layout drawing as a guide, measure the length of the first moulding piece you need. To ensure a snug fit on longer lengths, add  $\frac{1}{8}$ " to every five feet ( $\frac{1}{4}$ " every ten feet). Transfer your measurement (don't forget to add  $\frac{1}{8}$ " for every five feet) and cut the first piece to length. Check the fit by laying the piece in place.

### 6. Set Moulding Into Place

Apply a bead of adhesive to the surfaces that will touch the wall, ceiling and edge of the divider blocks. Lay the first piece into place. Note: Because you cut them slightly long, some pieces will spring into place, and will be slightly bowed. This is normal. The piece will flatten as it is screwed into the wall.

### 7. Fasten the Moulding

Starting with the ends first, fasten the moulding with nails or screws. Work toward the middle, driving nails or screws every 16". Again, the extra  $\frac{1}{8}$ " per every five feet will flatten as you move toward the center. Continue to install the moulding, until the entire crown is done.

### 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 nails or screws along with manufacturer's recommended adhesive product when installing all Fypon products. This combination provides a secure, long-lasting bond. Countersink all fasteners about  $\frac{1}{8}$ " 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. Some exterior installations, in particular new construction before siding is applied, may require a J-channel and/or flashing to prevent water infiltration. Installers must determine which installation technique is best for the specific situation.

### Finishing and Adhesives

**Polyurethane (PUR)** – 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.

**Cellular PVC** – Depending on product location, always use interior/exterior-grade, PVC 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. If painting is desired, a 100% acrylic latex paint with a Light Reflectance Value (LRV) of 55% or higher must be used. **Applying paint with an LRV of 54% or lower will void the warranty.**

### 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 moulding and 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).