

## Beams

**TIP:** You may wish to paint, stain or faux finish your decorative millwork piece prior to installation. This can speed up installation and reduce errors (spilling onto ceiling or walls).

**Materials needed:** Ladder, Tape Measure, Reciprocating Saw, Caulk Gun, Painters Caulk, Pencil, Safety Glasses, Wood Filler, Sandpaper, Paint Brush, Paint, Circular or Hand Saw, 1/4" Drill Bit, Power Drill, Spade Bit, 1-1/2" Trim Screws, Wood Blocks, Stud Detector, Screwdriver

**1** Measure the ceiling for placement of the beams and use the markings on the ceiling to draw a guide line for the center line of each beam.

**2** Cut wood blocks for beam supports to 1-1/2" thick wide and drill a hole into the center portion of each block with a 1/4" drill bit.

**3** Measure for placement of blocks on the ceiling (figure A) Use a stud detector to ensure that there are no joists where the block and toggle bolts are to be mounted.

Figure A



**4** Hold each block to the ceiling, centering it on the guide line and dimple for position of the toggle bolt. Using a phillips head screw driver inserted into the 1/4" hole in the block to dimple the ceiling. A 5/8" paddle bolt is needed to drill the hole for the toggle bolt.

**5** Insert toggle bolt into the block and attach block to the ceiling (figure B)

Figure B



**6** Attach beams to blocks with 1- 1/2" trim screws, screwed into the sides (figure C)

Figure C



**7** If desired, fill nail or screw holes with caulk or filler, as well as any gaps along the ceiling surfaces. Once caulk is dry, you can paint, stain or faux finish as desired.

### USING CORROSION-RESISTANT FASTENERS AND PL PREMIUM ADHESIVE

Always use corrosion-resistant mechanical fasteners (nails or screws) and PL Premium Adhesive when installing Fypon products. This combination provides a secure, long lasting bond. Countersink all fasteners about 1/8 inch and fill with exterior grade white spackle. If desired, sand any minor imperfections and topcoat with a quality exterior latex or oil base paint. Fypon exterior millwork installations should be finished using a quality, exterior grade silicone caulk to prevent water infiltration behind siding, windows and doors. Some exterior millwork 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.

### IMPORTANT:

Please read these installation guidelines thoroughly before beginning installation. Please note that these guidelines are provided only to assist with the installation of moldings 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).