

INDURO™ HPL-FACED ACM Installation Instructions

Statements expressed in this technical bulletin are recommendations for the application of Marlite brand products as outlined and illustrated under normal conditions of installation. The recommendations provided in the bulletin represent our best judgment based on our experience with normal applications. Unless prior approval is obtained in writing from Marlite, any deviation from these recommended procedures shall be at the sole risk of the installers. Carefully inspect all panels. If a panel is defective, notify the Marlite Service Center or Distributor nearest you at once. Failure to do so shall be at the sole risk of the installer. Do not store Marlite Induro™ HPL-Faced ACM Panels outside exposed to the weather and its elements.

Important – Read complete instructions carefully before beginning installation.

Total System Components – Nominal .150" thick, 4' wide panels, Aluminum Trim Molding, Titebond® Advanced Polymer Adhesive, MS-250 Clear Silicone Sealant.

Tools Required – Table saw or circular saw with fine-tooth jigsaw blade, drill and drill bits, caulking gun, rule/tape, file, hammer, laser level, horses/support.

Caution – Use a damp cloth, mild soap or detergent to clean panels. Use mineral spirits to remove excess adhesive before it dries. Do not use abrasive cleaners.

Open package – Carefully inspect all panels. Due to manufacturing techniques, some panels may possess minor variations in color consistency and pattern.

Installation Tips

1. Install Induro™ ACM Panels when room and material temperature are approximately 70°F.
2. Application is recommended over a solid backing, such as drywall or plywood. Surface to be covered must be clean, dry, solid, straight, and free from drywall dust, bumps, projections, loose plaster, loose paint, or any unsealed joint compound wider than 3". ***For seams with excessive joint compound wider than 3", seal drywall joint using a 50/50 mixture of latex paint and water applied lightly over the drywall compound only.***
3. Maintain plumb vertical edges with plumb lines or level.
4. Do not position Induro™ ACM Panel joints directly over drywall or plywood joints.
5. Cut Induro™ ACM Panels face up using a table saw or face down using a circular saw.
6. Use Titebond® Advanced Polymer Adhesive.

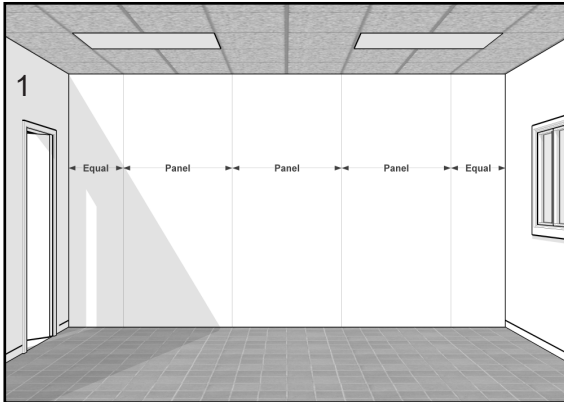
Condition Panels

Induro™ ACM Panels should be allowed to acclimate to the room environment prior to installation. After unpacking, place panels in the room where they will be installed for at least 48 hours prior to installation.

Important! Regarding High Humidity Areas:

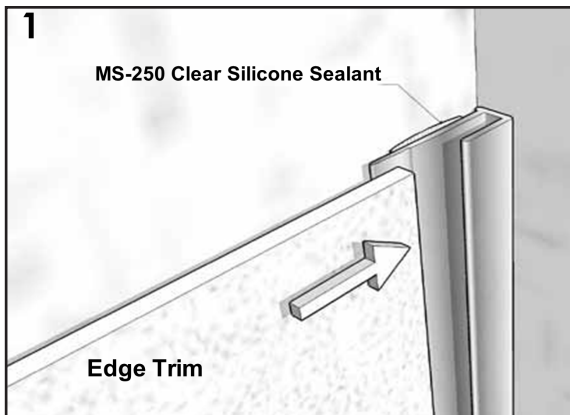
For applications that require silicone sealant, we recommend the use of Marlite brand Silicone Sealant, available in clear (MS-250) and white (MS-251). In high moisture or wet areas, Trim Molding should surround all panels and be properly sealed with a continuous bead of sealant.

Panel Layout



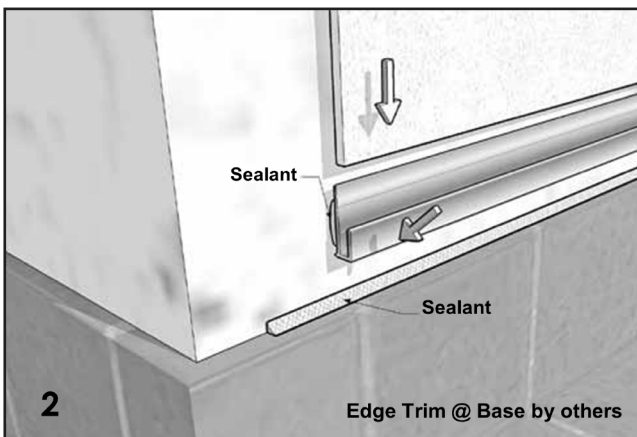
For a balanced appearance, establish a center line of area to be covered. (see illustration 1)

Installation Steps for Aluminum Trim Molding

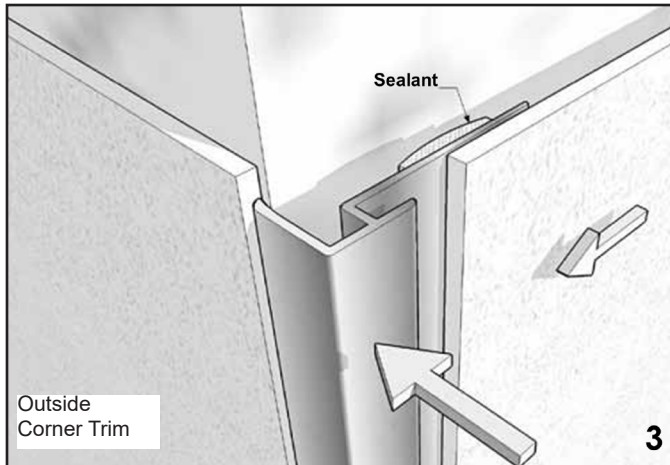


Important:

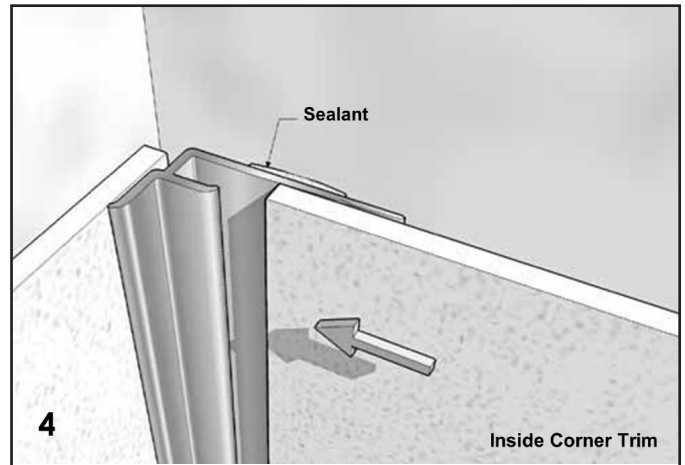
Moldings should surround all panel edges. **Do not jam panels tight into trim** (allow room for panel expansion). Apply a 1/8" bead of Marlite brand MS-250 Clear Silicone Sealant on the back of the trim flange along the full length of all trim. (See illustration 2)



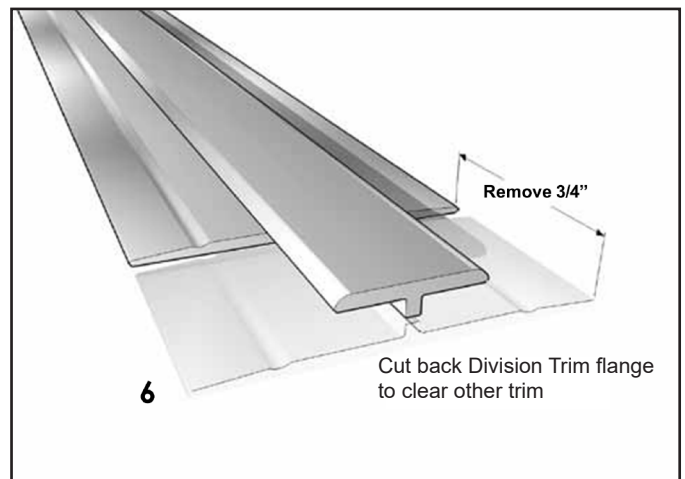
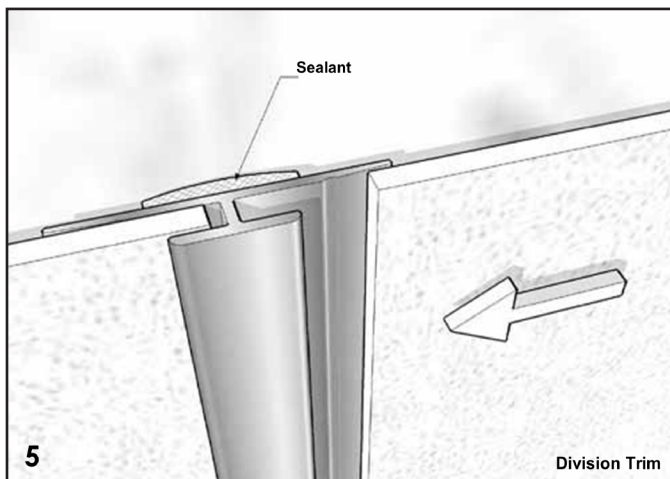
Installation Steps for Aluminum Trim Molding Continued



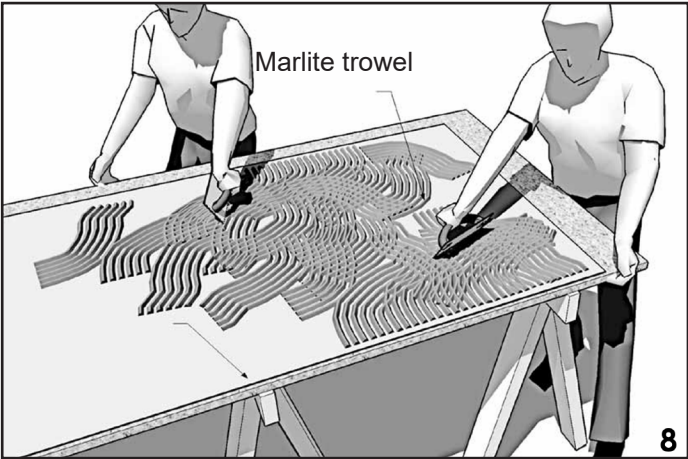
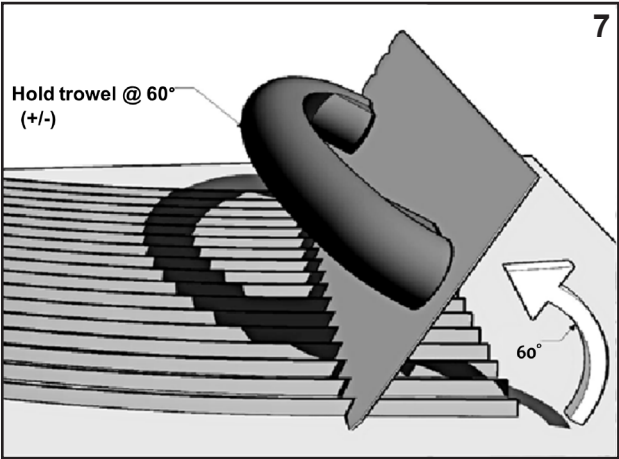
At the outside corner set panel an 1/8" from the corner to allow for expansion. Add the outside corner trim and set the next panel into the trim. (See illustration 3)



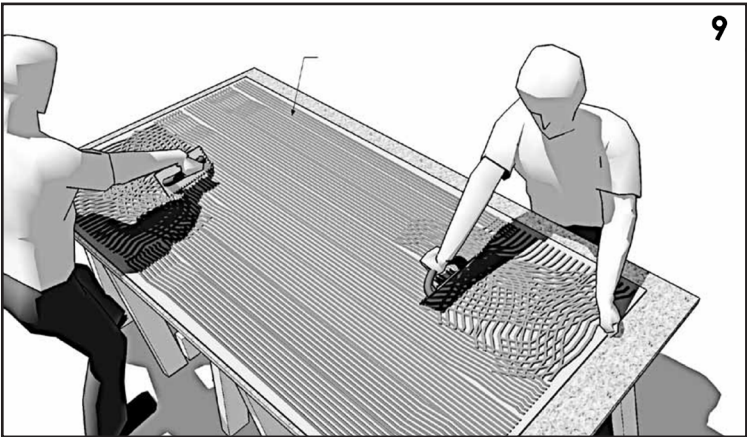
At the inside corner set panel to the adjacent wall leaving a 1/8" gap to allow for expansion. Add the molding trim and set the next panel into the trim. (See illustration 4)



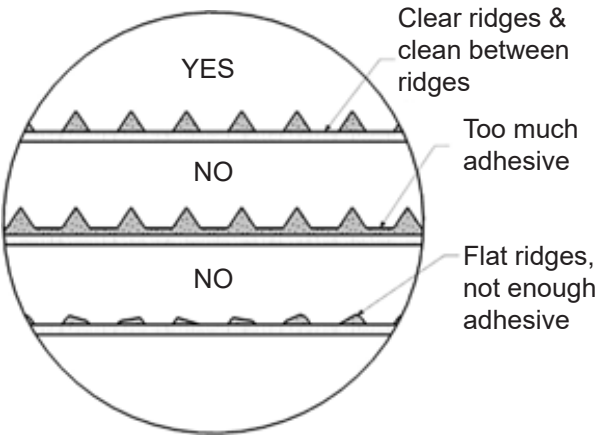
Installing Induro™ ACM Panels



100% coverage except 1" from edges and cutouts. (See illustration 8)



Quickly comb thru Titebond Advanced Polymer adhesive to even and remove excess. (See illustration 9)



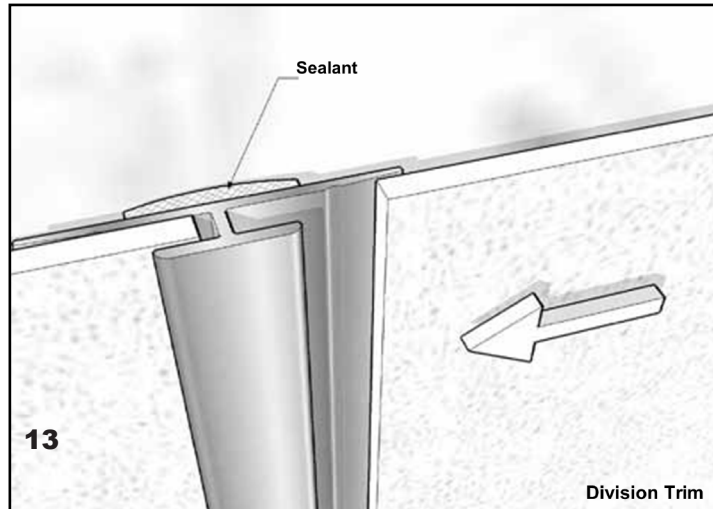
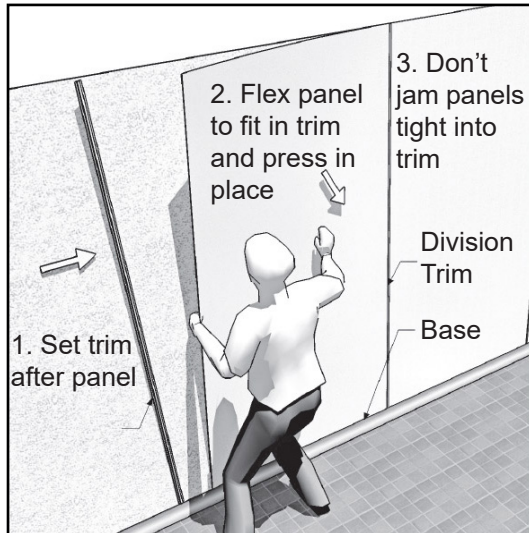
Installing Induro™ ACM Panels Continued

Check for any cutting or trimming required to get panels ready for installation. Cut as required.

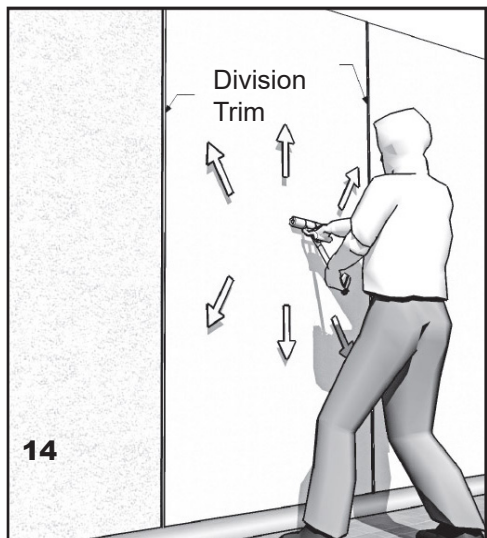
Always dry fit panels before adding Titebond Advanced Polymer adhesive.

Apply Titebond Advanced Polymer adhesive and install panels. Two people are required to install large panels. Don't jam panels tight into trim, allow room for expansion.

After panel is in place, press and/or slap the surface to make contact. **A laminate roller is required to adequately press the panels for full contact. Pay extra attention to properly rolling along edges.**

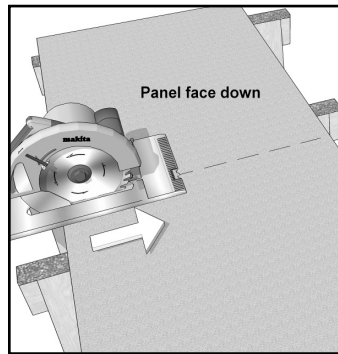
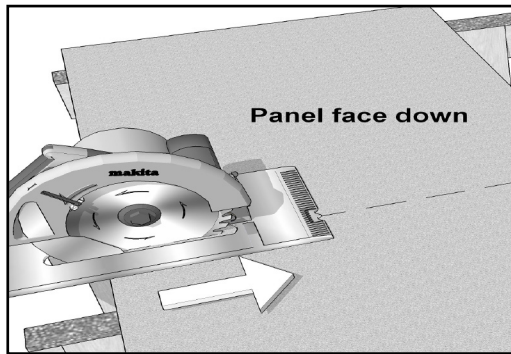


Use a pencil to mark the edge of your panel. From this line, pull the panel back about 1/16" to allow for expansion.



Required:
Press & roll from center over entire panel

Cutting Induro™ ACM Panels



For a clean cut use a new blade when cutting panels.

Cut Induro™ ACM Panels face up with a table saw or face down with a circular saw using a fine-tooth blade. For cutouts, drill four holes and radius all corner cuts to avoid chipping.

If slight chipping occurs from field cuts, ease the edges lightly using a sanding block.

Important: Trim panel to fit properly. All inside corners of cutouts must be radiused as large as possible, 1/4" minimum, to avoid stress cracking. Holes for screws or bolts should be pre-drilled oversized.

