

MDC

How to Install Dimension Walls

READ this entire installation guide before beginning your installation. Tools and Items You Will Need:



Tape Measure



Tin Snips



Utility Knife



Straight Edge



Trowel



Adhesive

BEFORE INSTALLATION BEGINS

Inspection: Final inspection should be made by the installer on site as to correct pattern, color and/or any defects in craftsmanship. No claims, including labor, will be accepted beyond the installation of 2 panels. Application of material is interpreted as acceptance of material and conditions of installation. Small differences in shading between different run lots or subtle differences between sample and actual delivered material cannot be avoided. Should you have any questions, contact your MDC representative or customer service (800) 621-4006 before proceeding. No returns will be accepted after the material has been cut. A 5' minimum radius is required for all curves.

Surface Preparation: Ensure surfaces are dust free, smooth, dry, firm and uniformly colored. Use Titebond FastGrab Advanced Polymer Panel Adhesive for all primed, painted or suspected non-porous surfaces. Previously painted walls may be wiped down with Tri Sodium Phosphate to remove surface dirt. Glossy paint should be dulled by sanding. Never install these materials over new plaster, MDF, or dusty gyp board walls. Substrate uniformity may be enhanced by priming all surfaces with a high quality pigmented acrylic wallcovering primer. All surfaces to be installed should be tested by the installer to determine suitable adherence of any existing coating or primer prior to beginning installation. New and dust free gyp board can be installed using Titebond Greenchoice Fast Grab FRP Panel adhesive---but only if unpainted/unprimed.

Panel Preparation: Sheets that are shipped rolled in boxes require time to relax before installation. Any rolled panels should be laid flat for at least 24 hours under typical site conditions. Larger orders shipping flat via crate do not require any significant relaxing time.

Dry layout. Be sure to verify the proper panel orientation for the project with the specifier.

Measure walls, check for level, square and plumb. Depending on dimensions and room construction, you may need to trim some panels accordingly or use Inside Corner Divider Trims at perimeter edges (or J molding if terminating on a straight run of wall.)

Trimming: Straight cuts should be made on the table using a sharp utility knife and straight edge or tin snips. Cut outs should be made with routers, saw blades, and drilling tools for thermoplastics. Take care to trim and scribe accurately. Be sure edges are straight and smooth before installation. Always cut from the decorative or room face side each time. Openings for electrical boxes or obstacles should be templated and then cut with a RotoZip or router. Do not use field cut edges to form seams. Form all seams with factory edges only.

INSTALLATION

Adhesive: It is recommended the installer use Titebond Greenchoice Advanced Polymer Panel Adhesive. Do not dilute. Carefully read and follow adhesive manufacturer's directions. We recommend troweling the adhesive out on the wall evenly with a 3/16" or 1/4" notch trowel depending on the depth of the pattern being applied. Deeper textured patterns should use the deeper notch of trowel. Refer to adhesive manufacturer recommendations for specific trowel selection.

Edges/Overlap – One long and one short edges of each panel have a 1/2" lip for overlapping consecutive sheets. Each seam must consist of using BOTH the underlying lip edge (on the first panel installed) and then overlaying that lip with the factory non-lip opposing edge (on the second panel to be installed). Smooth to set the panel using a short nap roller cover or nylon smoothing brush--to eliminate air bubbles and ensure adhesion. It is important to maintain a consistent panel orientation for each panel installed.

Installing trim strips. Factory non-lip edges can be used as exposed edges. If you intend a termination of a panel with a field cut edge, then use coordinating J-trim. Also, if you have an inside or outside corner, use coordinating corner trims. You should install the J-trim and corner trims onto your panel before setting those panels which require trims. If your panel has a factory lip edge that must be inserted into a trim, first table trim to remove the lip section (approx. 1/2" wide) prior to inserting the panel into the trim.

Install divider trim for butt-jointed panels (optional). To install the panel divider trims, before installing the first panel, slip the back leg of the trim into place behind the panel edge and push the trim firmly on to the edge of panel #1 to hold securely. Adhere the initial panel securely into the adhesive with the trim adhered to the edge which is facing the second panel. Next, slide panel #2 into open half of the divider trim. Be consistent to attach the trim strip to the edge of each panel which faces the next panel prior to installing each panel. Leave a small 1/16" gap between the panel and the center of the trim for expansion.

NOTE: the divider trim strip is not necessary when installing panels as recommended, using factory lip and factory non-lip edges together.

Squeeze out trapped air. Once your panel is properly positioned, press it against the wall into the adhesive. Then, using a clean paint roller handle with a new 1/4" nap paint roller, apply firm pressure evenly across the face of the panel to squeeze out excess air and ensure proper adhesion. It is important to maintain a consistent panel orientation for each panel installed. Repeat this adhesion enhancing step for each panel as you install it.

Wipe off excess adhesive. Use water and a clean cloth or sponge. Clean off any adhesive residue that is visible while it is still wet. **Do not allow this residue to dry as it will be very hard to clean up when dry and could damage the finish if residue is left in place.**

Paintable Finish: Prior to painting the Dimension Walls Paintable finish, the surface should be cleaned using Trisodium Phosphate. Once cleaned, an adhesion promoting primer (i.e. Sherwin Williams PrepRite Bonding Primer) should be spray applied according to the manufacturer's instructions. Once that primer is fully dry, the surface is ready to be painted. Any commercial grade latex or oil based paint can then be spray applied. Please refer to the paint manufacturer's instructions for specific application.

CAUTION: Panels are "Class A" fire rated, however they can be deformed with excessive heat. Never store in conditions which exceed or expose to heat over 140° F. Never install panels in a location where such a level of heat is possible, especially at kitchens and fireplaces.

Cleaning: Never use abrasive materials such as scouring pads to clean surface; use only a soft cloth or sponge with mild soap and water, followed by a cleansing rinse to remove any soap residue.