



Tape measure



Tin snip or scissors



Utility knife



Straight edge



Chalk line



Loctite® PL Premium® or LePage® PL Premium® adhesive



Isopropyl alcohol



1" drywall screws for J-Trim



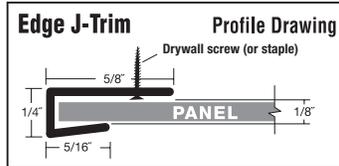
1/4" tooth V-notch trowel

Glue Up Ceiling

for Direct Surface Mount Application

INSTALLATION TIPS

Edge J-Trims are available to purchase for finishing off the wall edges. If using the Edge J-Trim, attach the trim up to the ceiling before installing the ceiling panels. The trim can be bonded to the wall using PL Premium adhesive by applying a 1/8" bead to the back of the trim and pressing firmly into the drywall. Staples can be used to tack trim in place until adhesive is cured (24 - 48 hours). Alternatively, drywall screws can also be used to attach trim to wall. Do not over-tighten screws.



PREPARATION

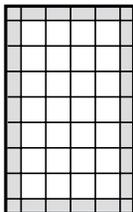
Clean Surfaces. Previously painted surfaces must be thoroughly cleaned of dirt, grease, etc., using a solution of TSP (trisodium phosphate) or other degreaser. Remove any loose paint and thoroughly rinse the surface with clean water. Glossy surfaces must be sanded to remove any gloss and thoroughly cleaned.

Determine the room layout. To ensure the room looks balanced, the panels should be centered in the room.

Map your ceiling on graph paper before beginning installation. Locate and draw any light fixtures, heating vents, intersecting hallways, closets, and doorways. Occasionally these features can influence starting points, tile placement, and finished ceiling design.

If there are no obstructing elements, then simply place a chalk line on the ceiling from the center of each opposite wall, forming a cross in the ceiling's center. Place your first ceiling tile in the corner created by your two chalk lines. Then continue installing your tiles from the center to the outer edges of your ceiling. Please keep in mind that ceilings are often not perfectly square and chalk lines may need to be adjusted before you begin installing your tiles.

To ensure professional looking results, the room layout should be balanced with equal size border panels used on opposite sides of the room, as shown below.



Formula:

- Measure room in one direction
- Round down to closest even number of feet
- Subtract those numbers
- Add 24"
- Divide by 2 to get border tile size

Example

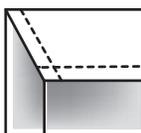
17' 6"
16'
1' 6" or 18"
42"
21"

Your Project

■ = Border Panels

Repeat these same steps for the other direction.

Put chalk lines along the midpoints that work best with the above variables. These lines should be parallel with the walls and will help you align the first tile edges.



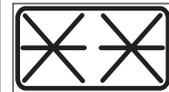
The large indentations in the styles, Traditional 3, Art Deco, Rosette, Coffe and Dome, prevent them from being cut in the middle and resting properly at the border areas. Accordingly, these styles look best when the Border Fill style panels are used on the perimeter of the room. The remaining Fasade panel styles look best when full-size panels are cut for the border. If the existing border panel width is less than 12", two border panels can be cut from one full-sized panel.

INSTALLATION

Install border panels. Using the chalk line layout and dimensions you determined above, measure and cut the border panel by scoring the finish side of the panel with a utility knife and straight edge. Bend the panel at the score mark to snap apart. Another option for cutting the panels is to use a tin snip and cut along a marked line. After cutting the panel to size and before applying glue, remove the protective film on both sides of the panel (if applicable). Clean the back surface of the panel by wiping with a clean cloth and rubbing alcohol. Refer to manufacturer's directions. Use rubbing alcohol in a well-ventilated area away from ignition sources.

The preferred method for installing Glue-Up panels is to use a notched trowel and apply the adhesive directly to the back of the ceiling panels using Loctite® PL Premium tube adhesive in a 1/4 inch diameter bead as shown to the right.

Tube Adhesive Application

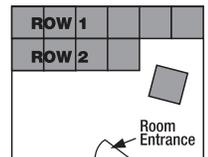


Tub and Trowel Adhesive Application



Keep adhesive about 1/2" from the outside edges to prevent leakage. **Carefully read and follow manufacturer's directions for the adhesive.** Lightly spray the adhesive with a fine mist of clean water before applying to wall. This will help adhesive cure. Insert panel into the Edge J-Trim if applicable. Overlap the first 3/8" of the subsequent border panels where the ridges and dots align.

Install full panels. Install full panels. Start at the corner farthest from the main entrance of the room, and working in rows across the room, install the full panels by overlapping each new row over the previous row. Complete each row by cutting and installing the remaining border panels, if applicable.



Tip: You must remove any adhesive that gets on the finished side of the panel before it dries. Using a cloth or paper towel, clean off any residue with Mineral Spirits.

One hour after the ceiling has been completed, firmly press on ALL the ceiling panels you've installed to ensure proper bonding and adhesive set-up.

Once you have your ceiling installed, the panels can be cleaned with warm, soapy water. Never use abrasive cleaners, scour pads or anything with harsh chemicals.

CAUTION: Even though these panels are "Class A" fire rated, they can be deformed with excessive heat. Never expose to heat over 140°F. **Never use** abrasive materials such as scouring pads to clean surface; use only a soft cloth or sponge with mild soap and water.



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