

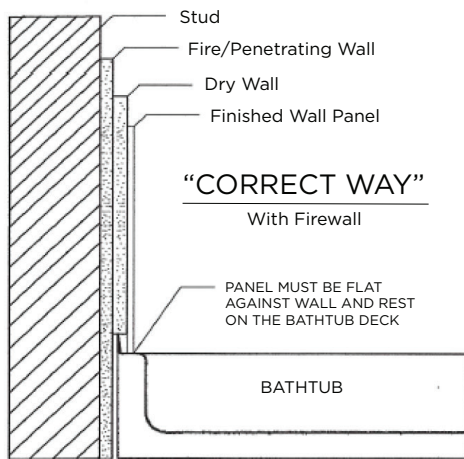
Wall Panel Installation - 3 Panel Standard Surround



All wall panels must acclimate to an indoor temperature (65°F or above), for 24 hours, prior to installation. Cold weather makes the panels brittle and may cause unusual breakage. This type of breakage is not covered by warranty.

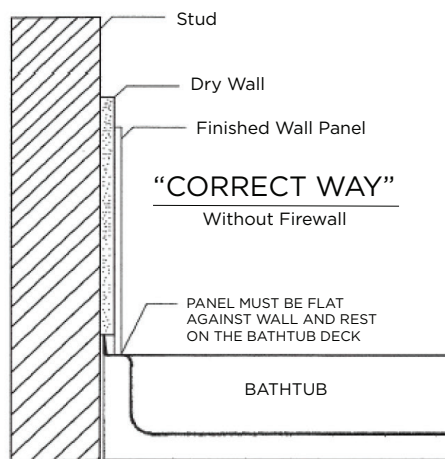
Installers Note:

FIREWALL

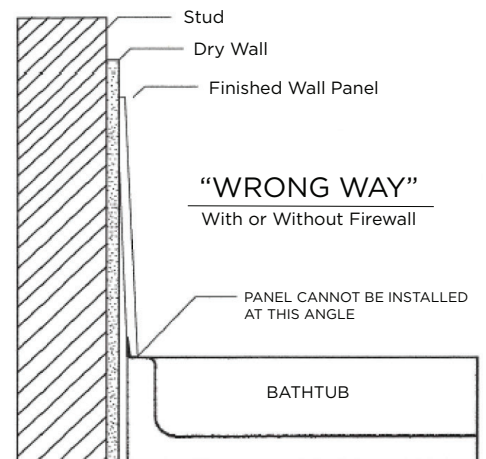


NEW CONSTRUCTION OR RENOVATION PROPERLY PREPARED TO ACCEPT WALL PANELS

NO FIREWALL



NEW CONSTRUCTION OR RENOVATION PROPERLY PREPARED TO ACCEPT WALL PANELS



NEW CONSTRUCTION OR RENOVATION NOT PROPERLY PREPARED TO ACCEPT WALL PANELS

IMPORTANT: If grab bars are to be installed, blocking (either 2x6 or 2x8) should be installed behind the substrate before attempting to install grab bars on panels. Check plans for accurate placement of all grab bars, and fixtures.

Material / Tools Required:

Circular Saw with Masonry Blade	Drill with appropriately sized hole-saw bits
Saw Horses	2x4's for saw horses to support the panels
80-grit Sandpaper for smoothing cut edges	Tape measure
Pencil	4-foot level
Acetone	Clean Dry Rags
Tape Measure	Latex Caulk for where marble meets drywall
MPL 100% Silicone	Hot-melt Glue Gun



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1x2 or 1x4 material for bracing panels	Hot-melt Glue Sticks
Vacuum Cups for placing backwall panels	Utility knife with blades
1/8" thick luan strips (3-4" wide)	Hammer tacker stapler (with staples)

 **With one person on each end, make sure to carry panels vertically (like a mirror) to avoid breakage.**

INSTALLATION OF BACKWALL PANEL – Template Method (Time-saver)

1. Using 1/8" thick, 3-4" wide strips of luan, firmly press a luan strip along top of backwall.
 2. Using a utility knife, score luan strip at desired length, and fold-snap to break.
 3. Taking a second luan strip, firmly press along sidewall, score and break at desired length.
 4. Position both luan strips along top and side of backwall (roughly 90-degree angle) with fulloverlap – allow 1/8" gap on sides of backwall.
 5. Using a hammer tacker stapler, hammer three staples at overlap.
 6. Repeat process for opposite side wall and bottom of backwall.
 7. Take template and place on back of panel.
 8. Using a pencil, trace outline of template onto back of panel.
 9. Set up saw horses with 2x4's bridging the saw horses to provide support for under the panel.
 10. Using a circular saw with masonry blade, carefully trim panel to size. Trim equal amounts off each side of the back panel to ensure the tile pattern is centered on the back wall.
 11. Using 80-grit sandpaper, smooth the cut edges to help prevent chipping and cutting hands while handling.
 12. Using acetone, clean the back of the panel and the wall with a dry rag, make sure there is no dust on either surface.
 13. Using vacuum cups, dry-fit the backwall panel, checking for proper fit. Note: vacuum cups must fit within the "tile" field and not touch grout lines; vacuum cups will not work on a textured panel.
 14. If satisfied with fit, remove panel, and apply 2" dia. circular patterns of MPL 100% Silicone adhesive throughout backwall substrate area.
 15. Using vacuum cups (if appropriate), return backwall panel, and press panel firmly into position.
- Fire-rated Wall Installation



INSTALLATION OF BACKWALL PANEL - Plumb & Level Method

- 1) If installing panels to the ceiling, use a 4-foot level, and check level of both the ceiling and the shower base/tub, note variation.
- 2) Using a 4-foot level, draw a plumb-line near the center of the backwall substrate.
- 3) Using a tape measure, measure (from multiple points) plumb-line to side walls, checking for plumb of side walls, note variation.
- 4) Measure overall height and width of backwall, adjusting for variations noted above.
- 5) Transfer measurements to back of panel.
- 6) Set up saw horses with 2x4's bridging the saw horses to provide support for under the panel.
- 7) Using a circular saw with masonry blade, carefully trim panel to size. Trim equal amounts off each side of the back panel to ensure the tile pattern is centered on the back wall.
- 8) Using 80-grit sandpaper, smooth the cut edges to help prevent chipping and cutting hands while handling.
- 9) Using acetone, clean the back of the panel and the wall with a dry rag, make sure there is no dust on either surface.
- 10) Using vacuum cups, dry-fit the backwall panel, checking for proper fit. Note: vacuum cups must fit within the "tile" field and not touch grout lines; vacuum cups will not work on a textured panel.
- 11) If satisfied with fit, remove panel, and apply 2" dia. circular patterns of MPL 100% Silicone adhesive throughout backwall substrate area.
- 12) Using vacuum cups (if appropriate), return backwall panel, and press panel firmly into position.
- 13) For additional adhesion (where needed), use hot-melt glue gun and place dabs of hot-melt glue at stubborn areas.

INSTALLATION OF SIDE WALL PANELS:

IMPORTANT: To get the best possible look with these panels, it is important to align the grout lines. The best way to accomplish this is after the back panel has been installed and the overall measurements of the side panels have been taken, measure from the tub or shower base up to a grout line at eye level on the back panel. Before you cut the height of the side panels, measure from the same spot on the side panels and, if needed, you can cut a little off the top and bottom of the side panels to help align the grout lines.

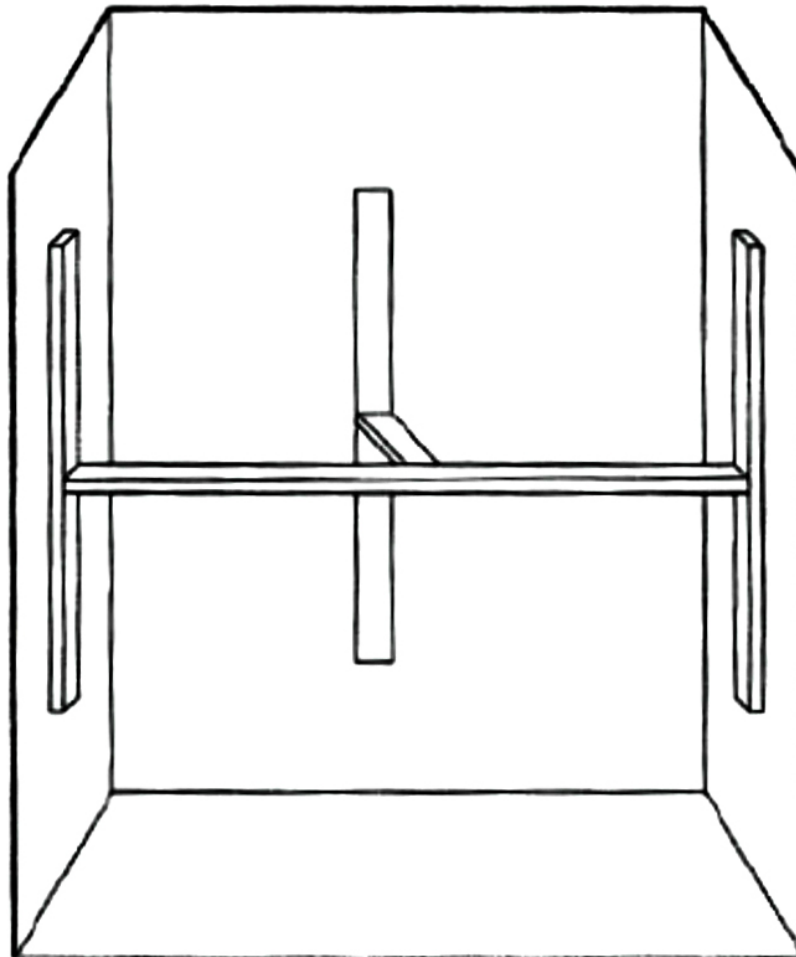
- 1) Repeat process as above. It is usually easier to measure and install plumbing wall first. You will need to cut the panel to desired dimensions before drilling holes for the plumbing fixtures.
- 2) Measure and trim the panel (cut the panel on the edge adjacent to the backwall, do not cut the outside edge of the panel).
- 3) Using a tape measure, carefully measure location for plumbing holes.



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- 4) Using a drill with a diamond or masonry hole saw bit, carefully drill from the back of the panel-unfinished side. Make sure the holes cut for the plumbing fixture are not too large to be covered by the fixture trim/escutcheon plate.
- 5) Dry fit the panel and check that the grout lines line up. If they are not, trim or shim the panels as necessary to get these lines even.
- 6) Now install the other side panel using the same measuring and installation procedures as the previous side panel.
- 7) After all three wall panels have been installed, it is best to brace the walls with 1 x 2's or 1 x 4's (see diagram on next page); be careful not to apply too much pressure on the wall panels, to avoid breakage. Use a block of wood on the ends of each side of your brace to help distribute the pressure against the wall panel. Leave bracing in place until adhesive sets-up, and panel is secure. Check adhesive recommendation for proper set-up time.



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After the MPL 100% Silicone adhesive has set-up, remove bracing. Silicone all the joints where marble touches marble or shower pan/tub, with MPL Color Match 100% silicone. Caulk the areas where marble touches drywall, or other substrate material, with a latex paintable caulk.

IMPORTANT: If installing MPL panels over existing tile, make sure the walls, substrate and framing are all in good shape (no water damage, mold or mildew) and the existing tiles are not badly broken. If this is the case, then clean the back new walls and old tile walls with acetone. Apply MPL 100% Silicone dabs just as if you were adhering the panels to drywall. Brace with 1x2's or 1x4's until silicone sets-up. Install and seal trim strips if applicable.

