

Wall Panel Installation

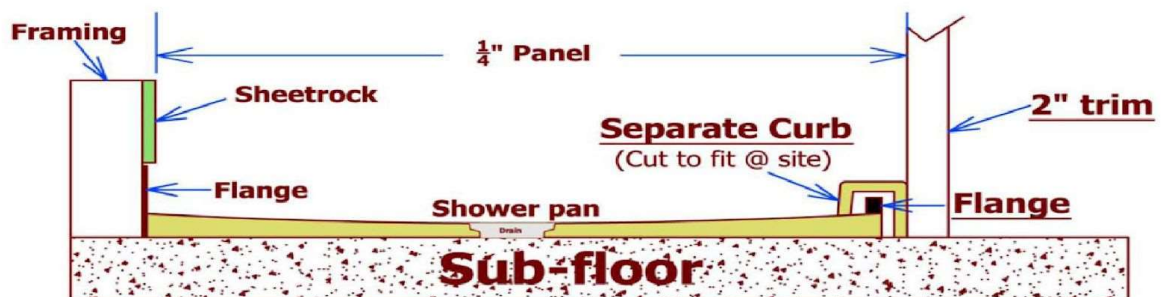
Special care must be taken in handling of panels with grout lines, especially in cold weather. The indented grout lines are by necessity a little thinner than other areas of the panels causing this type of panel to be more fragile than our typical smooth cast marble panels.

IMPORTANT: Panels are to be at room temperatures (65 degrees or above) when being cut and during installation. If panels need to be stored outside in cold weather, bring them inside 24 hours prior to cutting and installing. If this is not possible, use extreme caution as cold weather makes the panels extremely brittle and may cause excessive breakage. This type of breakage is not covered by warranty.

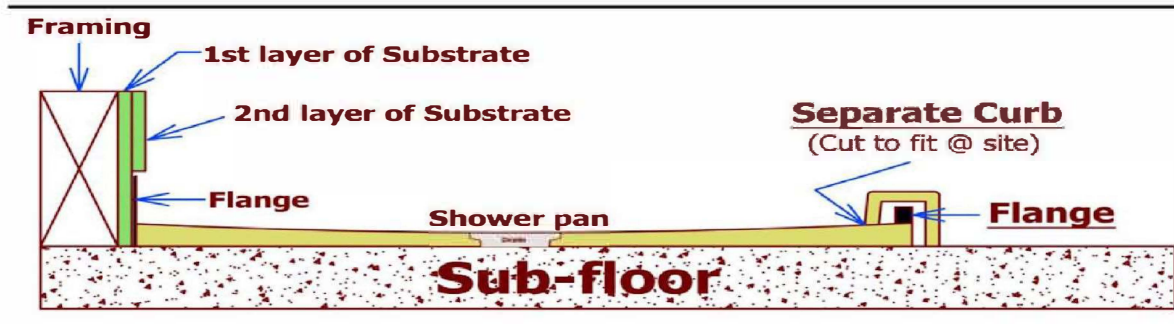
Installers Note: The tub / shower pan should be installed before any substrate material. This is so the flanges on the tub / shower pan will set behind the substrate. If the tub / shower pan is installed after the substrate material the flange of the tub / shower pan will set outside of the substrate material and once the wall panels are installed the bottoms of the wall panels will be bowed out. If the tub / shower pan is installed and the flanges are outside the substrate material, an additional sheet of substrate material should be installed. The substrate material should stop about 1" above the flange (do not rest substrate material on tub / shower pan flanges)

The only exception to install the tub / shower pan prior to any substrate material is in the case of a fire rated wall / walls installation. (See below drawings)

Non Fire Rated Installation



Fire Rated Installation



IMPORTANT: If grab bars are to be installed, blocking (either 2x4 or 2x6) should be installed behind the substrate before attempting to install grab bars on panels. The holes for the grab bars should be pre-drilled in the area of the blocking prior to installing the grab bars. Failure to do this will cause the grab to come loose and cause breakage or cracking of the panels. This type of breakage is not covered under warranty.

Material / Tools Required

- 1) Circular Saw with masonry blade
- 2) Drill
- 3) Saw Horses
- 4) 2x4's for saw horses to support the panels
- 5) Sandpaper (recommended 80 grit) for sanding cut edges
- 6) Tape Measure
- 7) Pencil
- 8) 4ft Level
- 9) Acetone
- 10) Clean Dry Rags
- 11) MPL 100% Silicone for panel adhesion
- 12) Hole Saw or Jig Saw
- 13) MPL 100% Color Matching Silicone for inside corners
- 14) Latex Caulk for Marble to Drywall Seams
- 15) 1x2 or 1x4 Material for Bracing Panels
- 16) Hot Glue Gun
- 17) 15" Glue Sticks

INSTALLERS NOTE: You will need to start the top of all of the panels at the exact same place so that all "grout joints" will meet in the corners.

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.

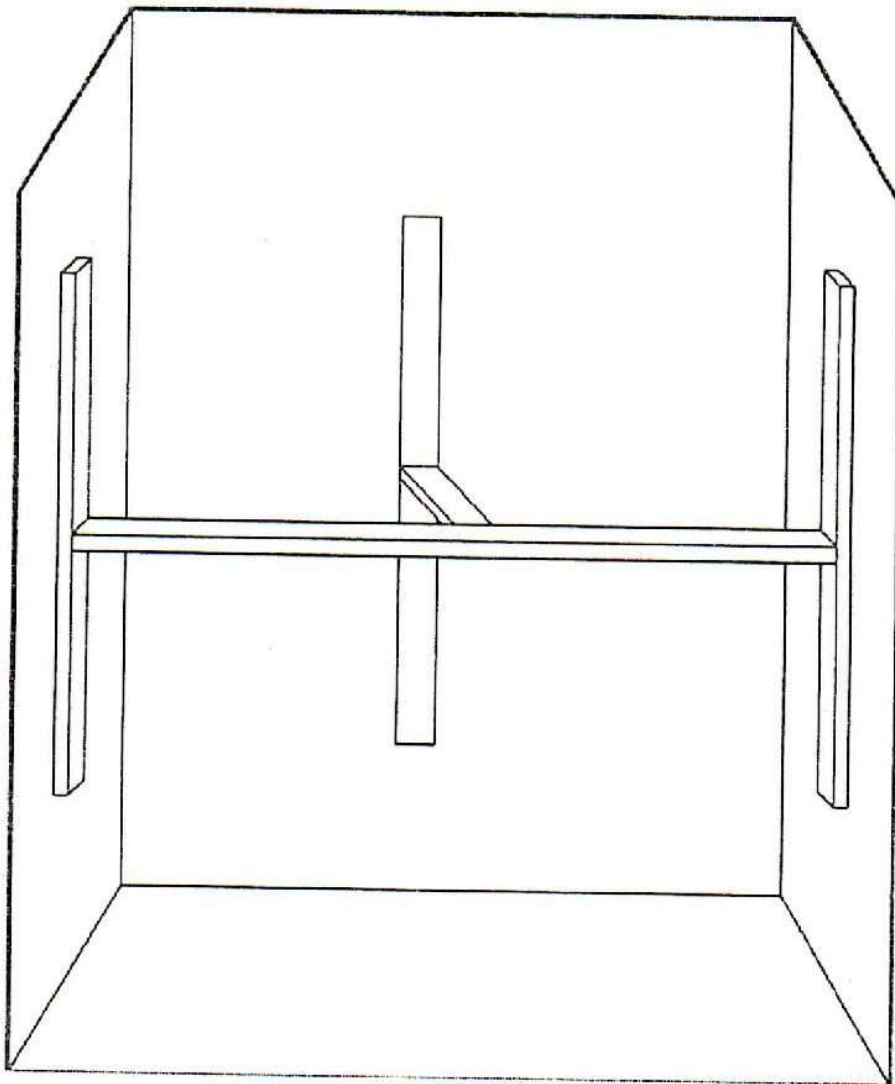
IMPORTANT: If installing MPL panels over existing tile, make sure the walls, substrate and framing are all in good shape (no water damage, mold or mildew) and the existing tiles are not badly broken. If this is the case, then clean the back new walls and old tile walls with acetone. Apply MPL 100% Silicone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

Installing the 6 x 24 Vision Panels

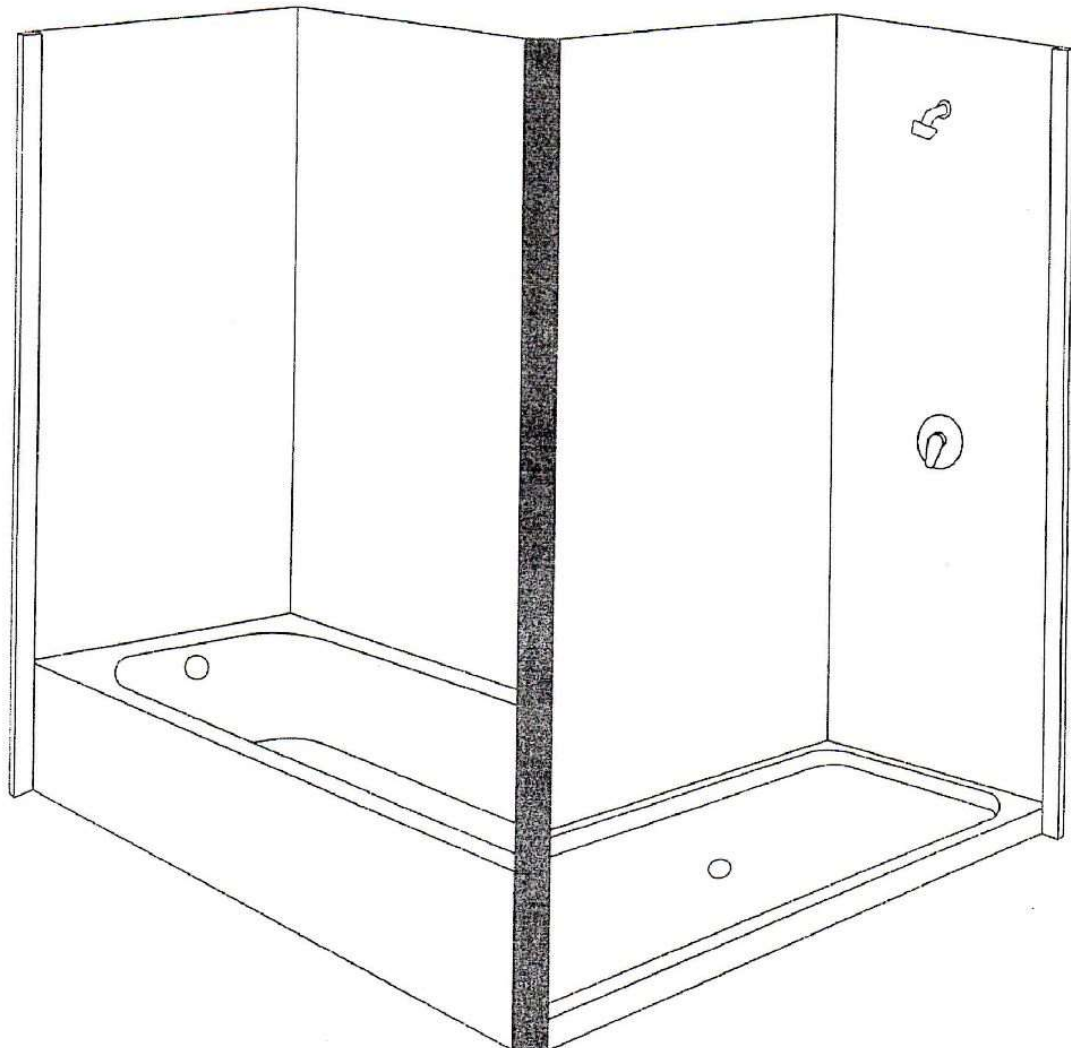
- 1) Check to see that the tub / shower pan is level from front to back and left to right. The maximum tolerance for level is + / - is $\frac{1}{4}$ ". Also note that a gap of $\frac{1}{8}$ " is the maximum tolerance on marble seams.
- 2) Using a pencil, mark a level line at the desired height of the back panel. If the tub / pan is not level, measure the line from the lowest point of the tub / pan. Using a level, extend the height line out on the left and right side walls. This is the line you will measure to for your height of your wall panels.
- 3) Using a 4-6' level, draw a vertical (plumb) line flush with the outside edge of the tub / pan on both sides, extending to the height line. This will be the line to measure to for the width of your side panels.
- 4) The back panel should be installed first. Check each side of the back wall for plumb. If both walls are plumb, measure the width of the space where the back wall will be installed. Mark your back panel to these dimensions and trim to fit. **(Cut equal amounts off each side of the back panel to ensure the tile pattern is centered on the back wall).**
- 5) Clean the back of panel with acetone (do not use water based cleaners or denatured alcohol) and the wall with dry rag, making sure there is no dust on either surface,
- 6) Sand cut edges with 80 grit sand paper to help prevent chipping and to help prevent cutting hands while handling.
- 7) Dry fit the panel whenever possible to make sure cuts are straight and all seams are within tolerance.
- 8) When satisfied with seams, remove the panel and apply adhesive to the wall. Apply an approx. 2" diameter circle of MPL 100% Silicone adhesive. Now install panel into its place and press firmly to distribute the adhesive.
- 9) Measure side walls using the lines you have already created. It is usually easier to measure and install plumbing wall first. You will need to cut the panel to desired dimensions before cutting the plumbing fixtures.
- 10) Measure and trim the panel (cut the panel on the side butting up to the back wall, do not cut the outside edge of the panel). Now measure and cut plumbing holes. (Use a hole saw or Jig saw to cut these holes). Make sure the holes cut for the plumbing fixture are not too large to be covered by the fixture trim.
- 11) Make sure when you dry fit the panel that the grout lines line up. If they are not, trim or shim the panel as necessary to get these lines even.

- 12) Now install the other side panel using the same measuring and installation procedures as the previous side panel.
- 13) After all three wall panels have been installed; it is best to brace the walls with 2 x 2 or 2 x 4, being careful not to put too much pressure on the wall panels. Use a block of wood on the ends of each side of your brace to help distribute the pressure against the wall panel.

Bracing for Panels

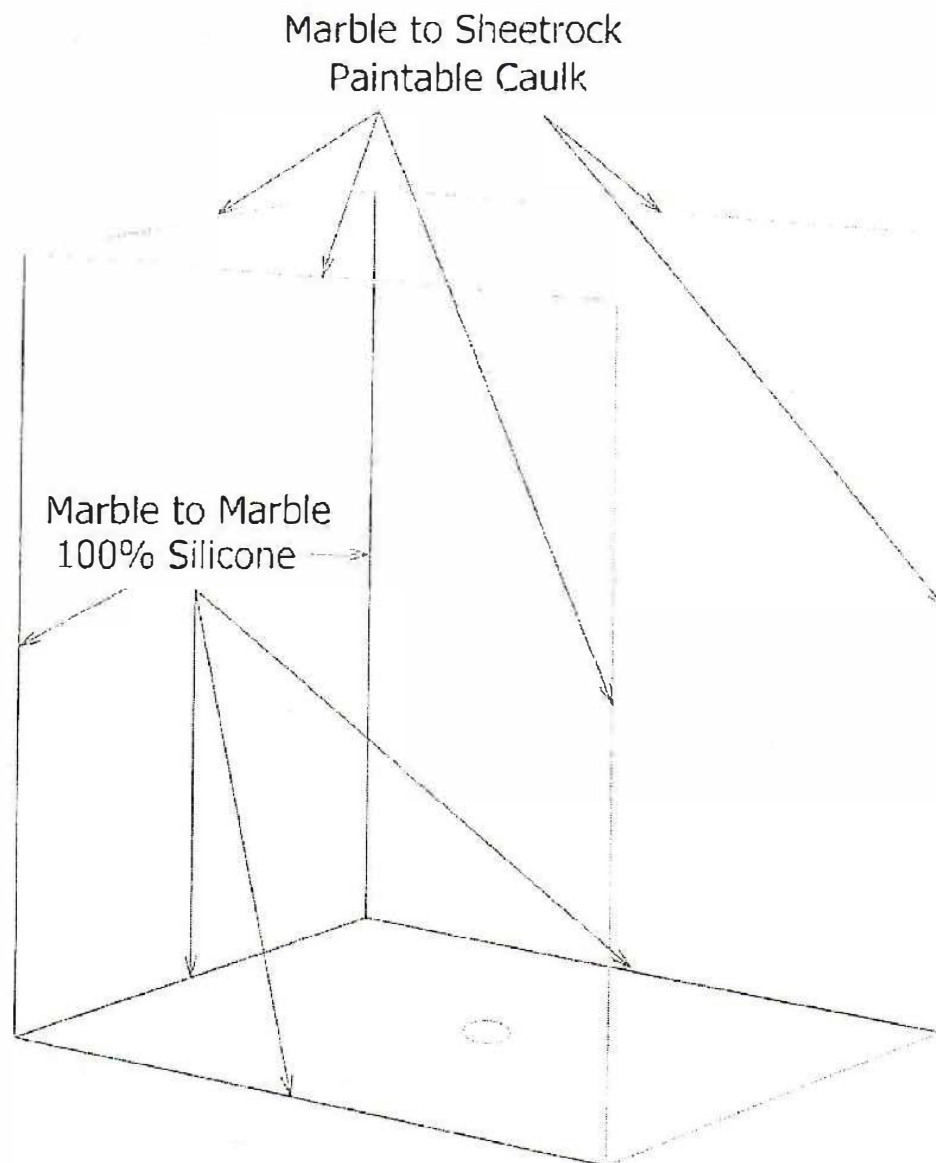


Note: additional bracing may be required.



Install soap dishes on panels. If using cast marble, ceramic or chrome plated wire soap dishes, shampoo shelves or foot rests, see separate instructions for these.

After the adhesive has had time to dry, remove bracing and caulk all the joints where marble touches marble or the tub / pan with MPL 100% Color Matching Silicone. Caulk the marble panels where marble touches drywall or other substrate material with a latex paintable caulk.





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NOTE: IF PANELS ARE TO BE CUT TO GO TO THE CEILING, THIS LEVEL LINE WILL NOT BE NECESSARY. INSTEAD YOU WILL NEED TO DETERMINE HOW MUCH THE CEILING IS OUT OF LEVEL AND TRIM THE TOP OF THE PANELS ACCORDINGLY.

To do this, make a level line using your level and pencil, approximately 48" from the top of the tub / pan. You can measure from this line to both ceiling and the tub / pan to determine how much needs to be trimmed from both the top and bottom to keep the grout lines level. The same can be done to determine how square the back is using your level and pencil, mark a vertical plumb line down the center of the back wall (on the substrate). You can measure from this line both to the left and right to determine how square the opening is so that, if necessary, the back wall can be cut prior to dry fitting so that it fits without a large gap on either side.