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Corydon, IN 47112
812-738-1367

Marblene Wall Panel Installation

Although we supply cultured wall panels in even rectangles, walls are usually not exactly square. Normally it will be necessary to cut the panels for an even fit. The material should be cut outside and will produce a harmless white powder. Installation should not be done in the rain glue will not stick to wet panels.

This is an installation guide for standard three piece tub panels, but the techniques can be applied to other bathroom configurations.

Professional Installation Is Recommended:

There is no substitute for a qualified and experienced installer who has encountered numerous situations that arise when installing. This literature serves only as trade tips and instruction to those with adequate skills and experience to install cultured marble.

Roman Marblene Company, Inc is not responsible nor will accept any liability for errors or damage to material or property from the use of these instructions.

TOOLS:

ROTOZIP TYPE TOOL W/ MASONARY BIT
CIRCULAR SAW
MASONRY BLADE FOR SAW
MEASURING TAPE
LEVEL – AT LEAST 3 FOOT
CAULK GUN
TWO SAW HORSES
80 GRIT SANDER PAPER
UTILITY KNIFE
PUTTY KNIFE
BRUSH – FOR REMOVING DUST
PENCIL / GREASE PENCIL

MATERIALS:

BRACING
– TWO - 1" X 2" FURRING STRIPS
LATEX CAULK
– ONE TUBE
SILICONE CAULK
– AT LEAST 4 TUBES
CONSTRUCTION ADHESIVE
– AT LEAST 4 TUBES
WOOD SHIMS
PAPER TOWELS

If at any time you have a question about this process, please call us at: 513-244-1777

PRIOR TO INSTALLATION – PREPPING THE AREA

Prior to installation the tub area should be prepped so the panels will adhere properly. After removing your old tub system, assess the area, if there is water damage then replace the affected areas with “Green Board” (Dry wall that is designed for high moisture areas). Scrape away any dry adhesive and loose drywall paper using a putty knife.

STEP 1:

Using a putty knife, make sure the tub deck or shower pan is clean, no debris (*dirt, drywall mud, paint*) so you can get a clean seal where the panels will sit.

STEP 2:

*** IF YOU DID NOT PURCHASE A SOAP DISH YOU MAY SKIP THIS STEP ***

If installing a LARGE or DOUBLE WIDE SOAP DISH, locate the intended placement on an interior wall between studs and away from plumbing and electrical.

(Location should be determined before sheet rock goes up)

Use a piece of cardboard to make a template for the soap dish cut-out:

Large soap dish cutout size: 6 1/4" W x 14" H

Double wide soap dish cutout size: 12 3/4" W x 15 1/8" H

Cut out sheet rock a few inches bigger than the soap dish to accommodate the unit. The soap dish should ***NOT*** be resting on dry wall when it is installed. The soap dish cutout should ***NOT*** be too close to the edge of the cultured wall panel, this will create a weak spot in the wall panel when cut, and be more likely to crack.

STEP 3:

Use a brush and wipe away any dirt from the tub deck.

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MEASURING THE BACK WALL

STEP 1:

Measure the height of the cultured wall panels and subtract $\frac{1}{2}$ " inch. This will be the cut height, generally $59 \frac{1}{2}$ " for tub walls. Use a level to locate the lowest point of tub. At that point measure up the cut height and make a mark. Use the level and draw a horizontal level line from your mark across the top of all three walls. **Note** – typically you want the height of the panels to be under the shower head supply line by a few inches.

STEP 2:

Next, for the sides – Hold the level vertically pushed against the end of the tub, adjust the level to get a plumb vertical line, mark it and continue on the other side. The lines should be flush with the front side of the tub, from floor to wall panel height line.

STEP 3:

Use the attached measuring sheet to aid you in recording your measurements.

To measure the back wall, start with the vertical dimensions (LEFT, CENTER, & RIGHT). Then, the horizontal dimensions (TOP, MIDDLE, & BOTTOM). You need to **subtract** $\frac{1}{4}$ " from your horizontal dimensions, so the back wall will fit.

STEP 4:

Use a level to determine if the back wall is out of square, note where it is out and record that with your measurements.

STEP 5:

* IF YOU DID NOT PURCHASE A SOAP DISH YOU MAY SKIP THIS STEP *

Measure from the tub to the bottom of the soap dish cut-out and then from either side.

STEP 6:

Now take these dimensions and transfer them to the back wall. The back wall must be installed first before you can measure, cut, and install the two side walls.

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CUTTING THE BACK WALL

STEP 1:

Place the back wall face down on the saw horses. You now want to score the back of the panel; this is where you will apply the adhesive. (If panel is *NOT* scored) Take your circular saw and open the guard, make five vertical score marks two (2) lines 5" from either side & three (3) lines spaced evenly in the middle. Hold your saw perpendicular to way you normally cut and slide the saw down the height of the panel. Start and stop a few inches from the end of the panel, so you do not hurt the finished end. Do not hold the saw in any one place too long or you will go through the panel, repeat this for the remaining score marks

STEP 1:

Place the back wall panel face up on the saw horses. There should be a protective sheet of plastic on the face on the panel, do not remove it. Using a grease pencil, transfer your width & height measurements to the panel.

Remember, measure twice & cut once!

STEP 2:

Hold the saw off the panel to prevent scratching. Cut backwards or pull the circular saw so the excess dust is forced downwards. The stripes of cultured marble being produced as you cut will need to be supported either by an assistant or cut off as you move down your line. If you do not support or remove this excess, the weight of the cut off pieces may break off the corner as you approach the end of the panel.

STEP 3:

The edges you have just cut are extremely sharp, use the sand paper on the edges that you have just cut.

STEP 4:

Transfer the dimensions for the soap dish cut out to the panel, and then place your soap dish cut out template (cardboard template) in the center of your measurements. Make sure your template is not crooked. Use a factory finished edge to make sure your template is vertical.

Use extreme care in cutting the holes for the faucets, water inlets, and soap dishes.

STEP 5:

Before cutting the soap dish hole, place the soap dish on the panel to make sure your cut out is not too big. When cutting the soap dish hole you should cut **outside** your lines for the LEFT, TOP, and RIGHT lines, but **inside** your line for the BOTTOM. This will give you a little space to adjust the soap dish when you are gluing it in. Also, **you must stop your cut 1" from the corners** all the way around. You must then use the ROTOZIP to round each corner. (If a ROTOZIP is not available then drill 1" holes in all 4 corners.) If the inside corners are not rounded then the panel is more likely to crack and break.

STEP 6:

Brush any dust from the panel and take it in to set.

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SETTING THE BACK WALL

STEP 1:

Be careful to not hit any corners of the panel on door jams, ceilings, etc as you may damage the panel.

STEP 2:

Place the shower head side of the panel into the tub area first, and then swing the other side into place.

STEP 3:

Verify that the panel fits. If it is binding up on the side walls **do not force the panel into place**, (it will break) if necessary take the panel out and cut it again. If the panel fits then swing the panel out and apply adhesive.

STEP 4:

Apply alternating spots of construction adhesive and silicone, each about the size of a peach pit 5" apart, on the score marks. Make sure the panel is sticking to the wall, if not put the panel from the wall and apply more adhesive.

STEP 5:

Once the panel is adhered to the wall you need to cut a brace so the panel does not fall. Do not walk away from the panel if it is not braced. It may come loose from the wall, fall, and break.

MEASURING THE SIDE WALLS

STEP 1:

For each side wall you need to measure the left and right heights & the top and bottom widths. Use a level to determine if the side walls are bowed or out of square, note where it is out and record that with your measurements.

STEP 2:

For the side wall with the control valve and tub spout, you need to measure to the center of each.

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CUTTING THE SIDE WALLS


STEP 1:

Repeat the same instruction as with cutting the back wall panel:
Scoring the backs of the panels – you only need three (3) score lines of either side panel
Transferring your dimensions to the panels

Remember, measure twice & cut once!

Cutting the heights and widths
Sanding the cut edges with sand paper

STEP 2:

On the side panel with the control valve you will need to transfer the dimensions for the valve and tub filler holes to the panel. Typically the cut out diameter for the control valve is 4 ¼", and the tub filler is 1 ¼". Each bathroom is different, check your cover plate and tub filler to make sure. Use the ROTOZIP to cut out the holes. (Drill a hole for the tub filler. Cut the control valve hole with a circle saw: set the blade at 1 inch and make a series of short cuts to create a "stop sign"  shaped hole). (The outer ring is the valve cover and the inner ring is the plastic drywall template. Cut hole from the back side of the Panel).

STEP 3:

Once the panels are cut, brush off any dust and take them to the tub area for setting.

STEP 4:

Dry fit both panels to make sure they fit, if they do apply silicone and construction adhesive on the scores lines and stick them to the wall.

STEP 5:

Once both side walls are attached to the wall, use both 1 x 2 braces to support the side walls so they do not fall. Do not worry about a brace on the back wall, the two side walls will hold it up.

FINISHING

STEP 1:

To install the soap dish, remove any protective plastic. Then apply a heavy line silicone to the bottom of the soap dish where it sits on the panel. Use a level to make sure the soap dish is straight.

STEP 2:

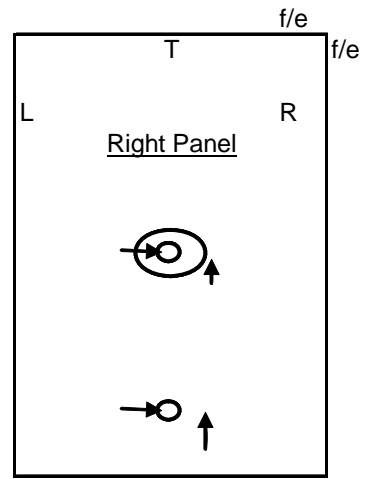
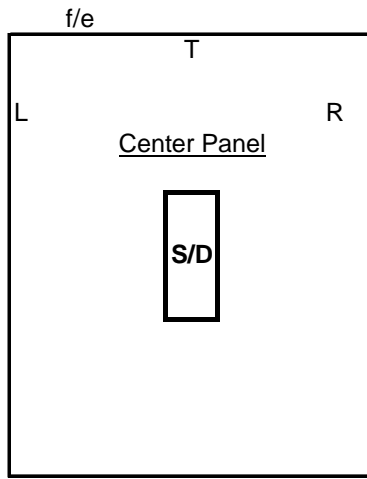
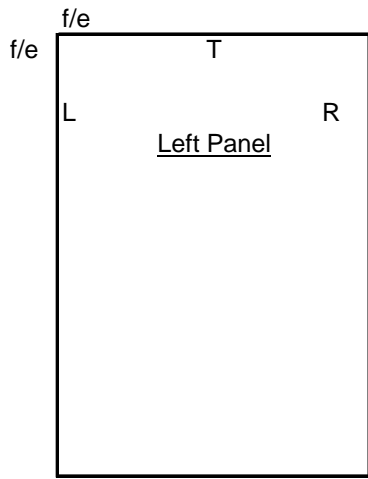
Once the panels are glued, and braced the silicone can be applied. Be sure all seams are clean and free from dust. Use a high grade mildew resistant silicone.

Use latex on all outside edges that is against any wall that will be painted.

Let everything dry for 24 hours

LAYOUT MEASURING FORMS

Job # _____
Area _____



Job # _____
Area _____

