

Marvellaire™

SHOWER WALL PANELS & PANS

by daltile

INSTALLATION GUIDE

Marvellaire™

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SHOWER WALL PANELS & PANS

- Water and Moisture Proof (not designed for continued immersion)
- Easy to Clean
- Resistant to Mold and Mildew
- Non-Porous (no sealers required)
- Designed for indoor applications only

RECOMMENDED TOOLS

- Working table (approx. 4' x 8') Wet Saw fitted with a diamond masonry blade.
- Drill, bits, and Dremel® Power Tools to perform fixture holes, Masonary or diamond hole saw/cutter
- Suction cups
- Level
- Square
- Measuring tape
- Pencil
- Clamps
- Three segment hand roller
- 100% Silicone for seams
- Recommended Adhesive - Custom HP4 and Custom Silicone Caulk
- Caulking gun
- Razor blade
- Water spray bottle
- Denatured alcohol
- Sanding block
- Bracing (Brand name Zip Walls)



PROTECTIVE EQUIPMENT



For additional questions please contact your Daltile representative.

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STORAGE

Marvellaire panels MUST be stored flat in a horizontal position and within a climate controlled, moderate temperature condition.

BEFORE YOU BEGIN

- To ensure this product is installed properly, read the instructions carefully before you begin your installation.
- Review local codes or project requirements and make sure your installation conforms to them. Local building codes vary by location as well as plumbing codes.
- Inspect Marvellaire panels and make sure there are no imperfections and that the panels are in good condition. Any claim for damaged material after being installed will void the warranty.
- Remove any labels or markings before installing the panels.
- If installing a shower pan, please review the installation instructions for Shower Pans before installing panels. (pg 9)

HOW TO INSTALL A SHOWER

Marvellaire can be installed over most surfaces, such as tile, water proof backer board, etc. If you are doing a new installation or a complete tear out, we recommend installing Hardie-backer or other similar water-resistant barrier base material. Marvellaire panels are not designed to be installed directly into studs.

If you are installing Marvellaire panels over an existing surface you must make sure the actual surface is in good condition, structurally sound, and properly secured to the wall. When installing over existing tile, we suggest you do a light sanding/scuffing of the tile, followed by wiping down with a fast-flashing solvent such as isopropyl alcohol or acetone. Applying a primer over existing surfaces is also recommended before installation.

- Shut off the main water supply. Remove all fittings (shower head, valves).
- The wall surface must be level, dry, smooth, and free of dust, mold, or any other contaminants.
- If you plan to install a shower door, follow manufacturer's instructions and prepare stud wall accordingly.
- Marvellaire panels are a non-porous material nevertheless, we recommend you waterproof the corners and bottoms of the tub/shower. We recommend a minimum waterproofing area of 6" in each direction on the corners and 6" at the bottom of each panel. We highly recommend reviewing and following waterproofing regulations as per individual project or city codes. (Figure 1 & 1a)

Figure 1 Walk-in Shower

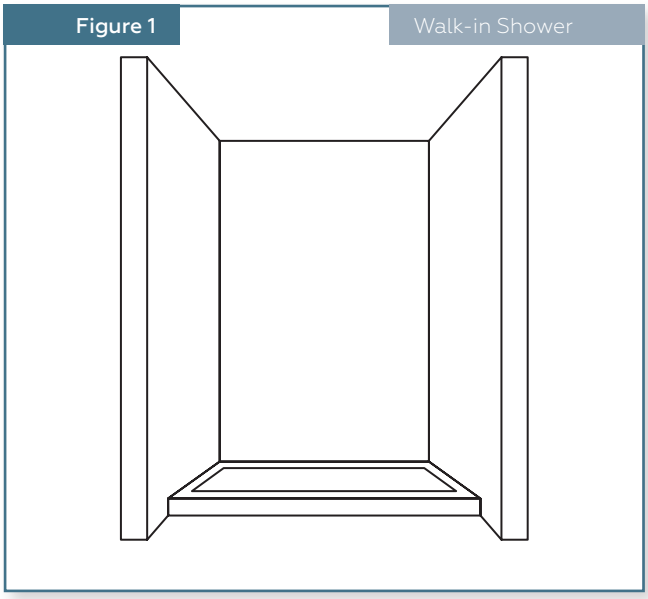
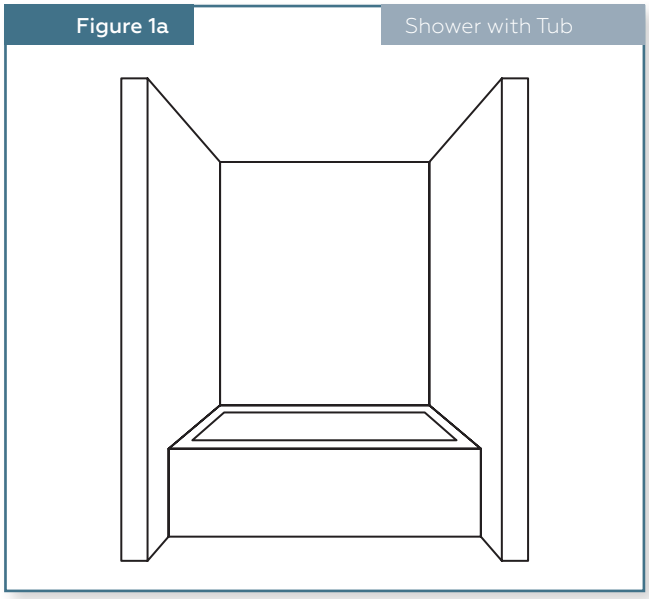


Figure 1a Shower with Tub



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PANEL CUTTING AND INSTALLATION

Once your walls are leveled and cleaned from any imperfections, you are ready to start measuring, wet cutting and installing the Marvellaire panels.

- Get your working table ready and make sure you have all of the proper tools and equipment as described in this guide. Do not place heavy machinery or objects on top of Marvellaire panels.
- On both showers with a tub or walk-in showers with three walls, we will start measuring the back wall first. On installations with only two walls, you could start with either the left or right wall.
    - Measure the back wall (measure twice, cut once).
    - Set up the Marvellaire panel on the cutting table and mark your cutting lines on the back side of the material. (Figure 2)
    - Perform wet cuts as needed on the back side. (Figure 2)
    - If there is any debris on the cutting edge, you can carefully remove it with a razor blade.
    - Test fit the back panel on the back wall of the tub/shower. (Figure 3)
    - With the back panel in position (not glued yet), take measurements for the left and right panels. **NOTE:** The 31" x 96" panels come in a Left (L) and Right (R) version. The installer must carefully verify panel orientation and configuration prior to cutting installation to prevent graphic repetition.
    - Draw your cutting lines on both panels and perform wet cuts using your wet saw.
    - Identify which panel will be installed on the wall with the shower fixtures. Measure/template this wall and perform wet cuts as needed on your Marvellaire panel using a drill equipped with a masonry bit. Spray water before and during the drilling process. (Figure 4)
    - Test fit all panels (back wall first) and make sure every panel is in position and perfectly fits your project. Small adjustments or cuts might be needed if the substrate is not leveled.

Figure 2

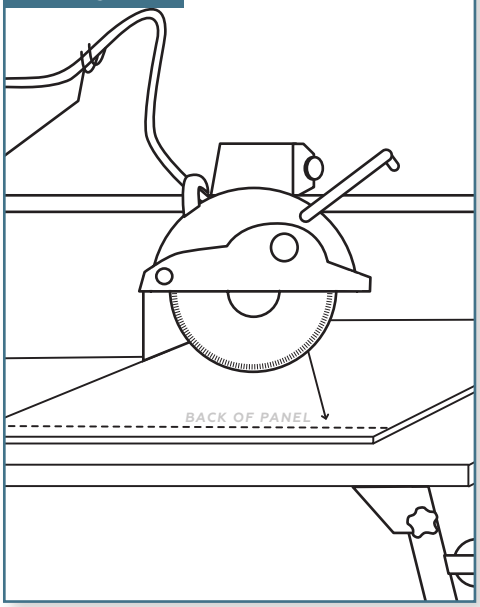


Figure 3

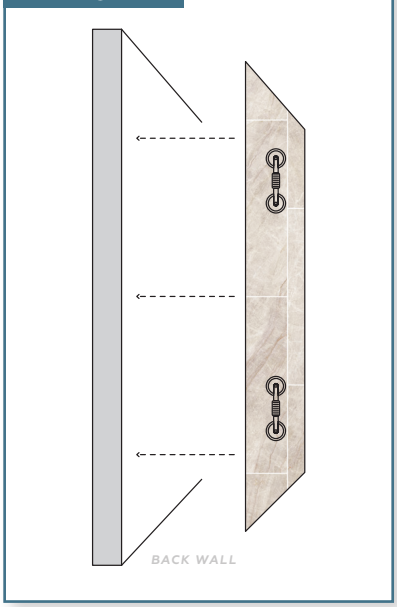
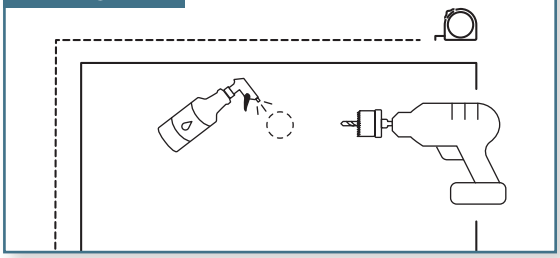


Figure 4



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INSTALLING/ADHERING PANELS TO WALLS

Once you have test fitted your Marvellaire panels as well as fixture cuts. Ensuring everything is aligned and remove all labels on front and back of the panels prior to installation, it's time to adhere the Marvellaire panels to the wall. On installations with three walls, the back panels should be applied first.

- Clean the walls of any existing dirt or debris which could have accumulated from the construction environment.
- On the wall, using the recommended adhesives and a caulk gun, apply a continuous line of adhesive around the entire perimeter of the back wall (about 1" from all 4 sides where the panel will be placed).
- Right after, place multiple circle blobs of adhesive 4" in diameter, about 6-8" apart, throughout the sheet. (Figure 6)
- For full spread application spread entire wall with recommended adhesive (see manufacture for trowel size).
- Take the back panel and place it in position against the back wall. Make sure you apply pressure throughout the entire panel, starting in the center, going up and down as well as left and right to make sure the entire panel is adhered to the adhesive circles, as well as the continuous perimeter of adhesive. Repeat this action a few times until you are sure the panel is completely adhered and in position. It is recommended to clamp or brace the panel for extra support until the adhesive has properly cured.
- Repeat the same process for both left and right panels. (Figure 7)
- Remove protective film from surface.

Figure 6

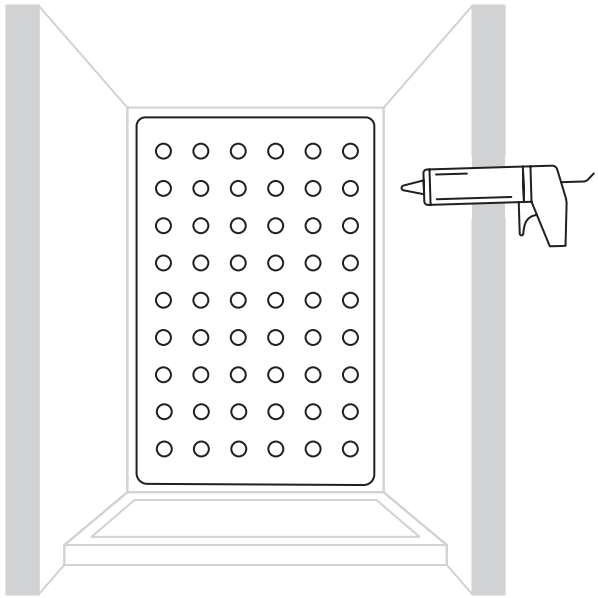


Figure 7



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INSTALL FIXTURES AND SEAL

Finally, install all fixtures and appliances to shower and tub. (Figure 8)

- Install accessories per the manufacturer's instructions.
- Using 100% silicone caulk, seal around your fixtures as well as the top, bottom, corners, and sides of your tub surround.
- Use a caulk gun to ensure continuous coverage, with no gaps in seal. (Figure 9)

ALLOW TIME TO DRY

Your new shower surround will need time to dry. Please allow at least 24 to 48 hours before using your new Marvellaire shower. This allows time for the adhesive and sealants to dry completely.

Figure 8

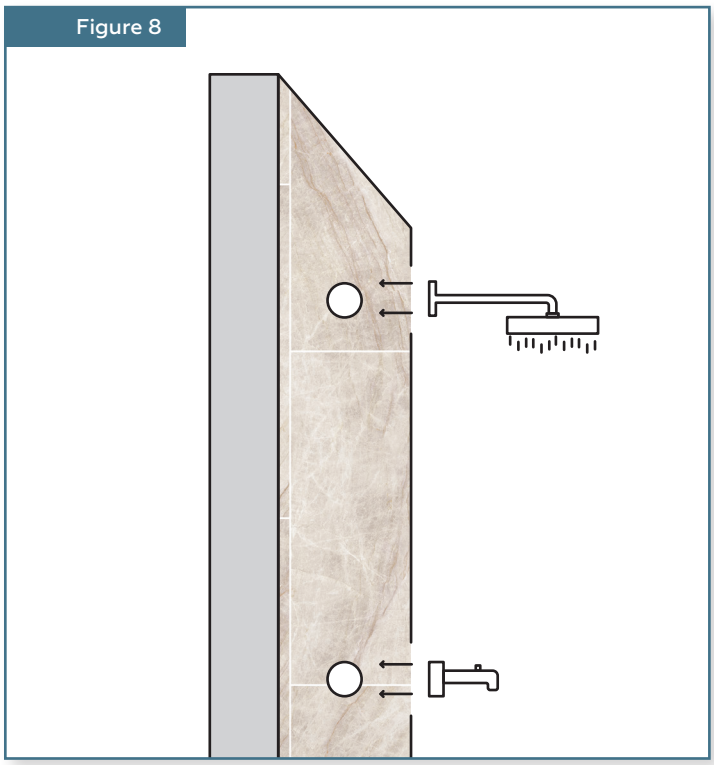
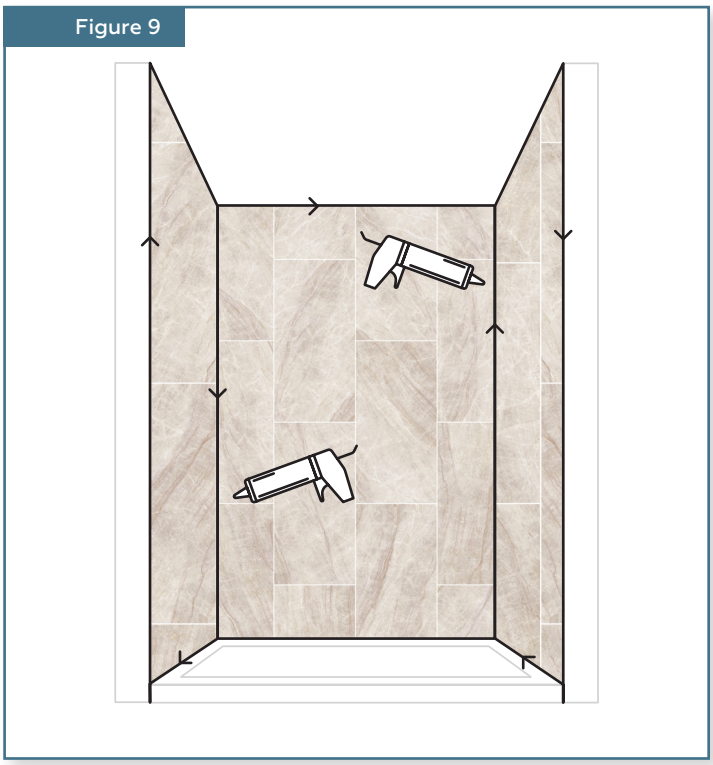


Figure 9



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INSTALLATION OF ACCESSORIES

SHAMPOO SHELVES

MATERIALS & TOOLS REQUIRED:

1. Drill, preferably corded, for required drilling
2. 3/16" masonry drill bit
3. Measuring tape
4. Pencil
5. 100% silicone for marble-to-marble seams (color matched to the marble)
6. Clean, dry cloth for the accessory's ledge and the wall
7. #2 Phillips Head Screwdriver to tighten the screws when attaching the standoff mounting tubes
8. (2) Fasteners and (2) Standoff Tubes (Included in box)
9. A 3/4" masonry bit, for drilling holes for fasteners

INSTALLATION PROCESS

Pre-drill the holes for the mounting hardware using the 3/16" masonry drill bit and the corded drill. Spray water before and during the drilling process.

Figure A Standoff WingIt

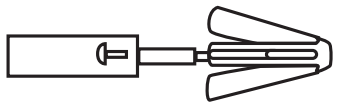


Figure B Standoff WingIt

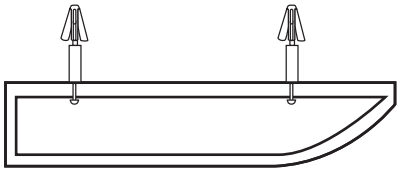
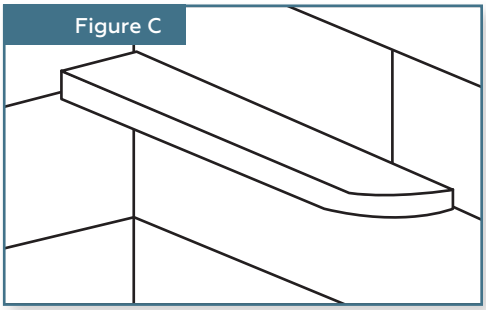


Figure C



*Please use acetone only. Denatured alcohol or other water-based cleaners are not acceptable. If you do not have acetone, wipe with a clean, dry rag is an acceptable alternative.

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CORNER MOUNT SOAP DISH

Please read the following before attempting to install your corner mount soap dish In preparation for installing this soap dish, you will need to have completed the installation of the panel system and sealed the seams of the shower behind where the shelf is to be installed with 100% silicone.

MATERIALS & TOOLS REQUIRED:

1. Torpedo level
2. Pencil
3. Silicone (100%) and caulk gun
4. Hot melt glue and hot melt glue gun
5. Clean, dry rags
6. Acetone

Two types of adhesives are needed to install the shampoo shelf because they serve different purposes. The hot melt glue bonds immediately, but will not hold the shelf for more than a few days. The silicone takes a few hours to cure, but after curing, both the silicone and the hot melt glue together will permanently secure the shampoo shelf.

NOTE: The corner soap dish should be installed in the corner of the shower, adjacent to the showerhead.

INSTALLING THE CORNER SOAP DISH

1. First you will need to determine the location of the corner soap dish. Once determined make a mark with your pencil on the panel. This will be the height to the top of the soap dish.
2. After determining the correct height for the dish, use the acetone to thoroughly clean the back of the soap dish and the wall where it is to be installed.
3. Using the torpedo level, lightly make a level line to the corner, going onto the adjacent wall with the mark.
4. Apply a bead of silicone to the back sides of the shampoo shelf, and then put several dots of hot melt glue around the silicone, making sure the two adhesives don't mix. Next press the soap dish firmly into the corner, against walls, hold for 30 seconds then wipe away any excess coming from behind the soap dish. Using 100% silicone, color matched for the Marvellaire panel, seal around the soap dish once installation is complete.
5. Using a clean rag or cloth, wipe off the pencil lines and any excess silicone.

NOTE: It is important that the two different adhesives **DO NOT** mix. Once the hot melt glue has been applied, the supports need to be installed immediately. If they are not and your hot melt glue cools, the glue will need to be scraped off and reapplied.

We recommend using a high temperature hot melt glue stick, when attaching your soap dish to our panel systems. As a precaution - **DO NOT USE ALL PURPOSE GLUE STICKS**. They do not hold the weight of the soap dish.

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INSTALLATION INSTRUCTIONS FOR SHOWER PANS

All shower pans rest on sub-floors, not finished floors. Our Shower Pans have been checked and leveled before leaving the production plant. They have been custom designed to drain properly if installed on a level surface.

Most floors are not level. It is best to check the floor to ensure it is level before installing the pan. If the floor is not level, float the floor with mortar or another suitable material and allow the material to dry **before setting the pan**. Make sure the floor is clean and free of dust and debris before setting the pan in place. Pans can be shimmed to make level. We recommend using plastic shims, glued in place every eight inches.

STANDARD PAN INSTALLATION

- First, the plumber should connect the drain to the pan.
  - With the shower drain installed, add large dabs of 100% silicone to the base of pan. (Figure 1a)
- Carefully, set the pan into the opening, setting the back of the pan down first, (in some cases setting an end down first may be better). (Figure 1b)
- Carefully lower the pan down into place, joining the pan drain and the floor drain. (Figure 1c)
  - Substrate material should not be installed until after the plumber has connected the plumbing to the pan. (Figure 1d)
- After setting the pan in place, you must check it on all four corners and diagonally in each direction for level. Shim all necessary areas to level the pan to make sure it does not move or rock at all. (Figure 1e)
- After the plumber has connected the drain, the substrate material is ready to be installed.
  - Use paintable caulk where the curb meets the substrate, or 100% silicone where the curb meets the shower panels. (Figure 1f)

Figure 1a

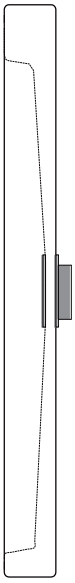


Figure 1b

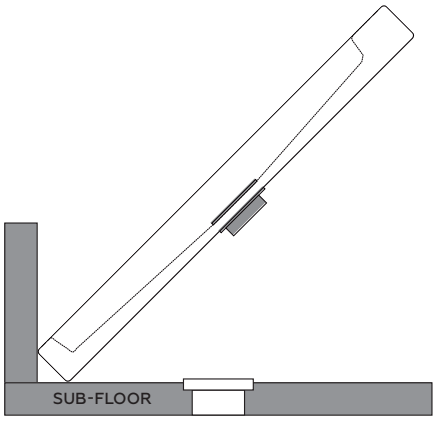


Figure 1c

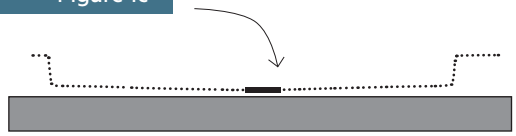


Figure 1d

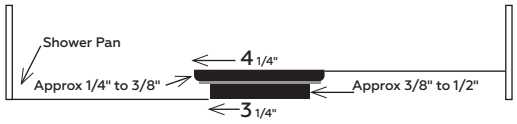


Figure 1e

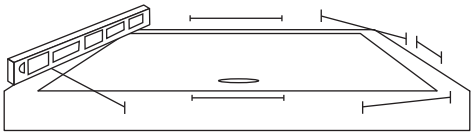
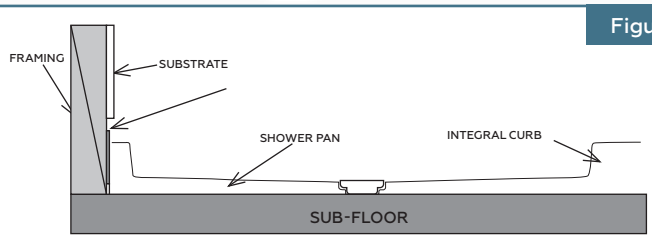


Figure 1f



For additional questions please contact your Daltile representative.

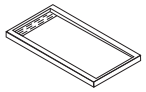
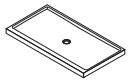
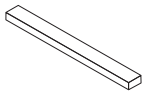
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DIMENSIONS

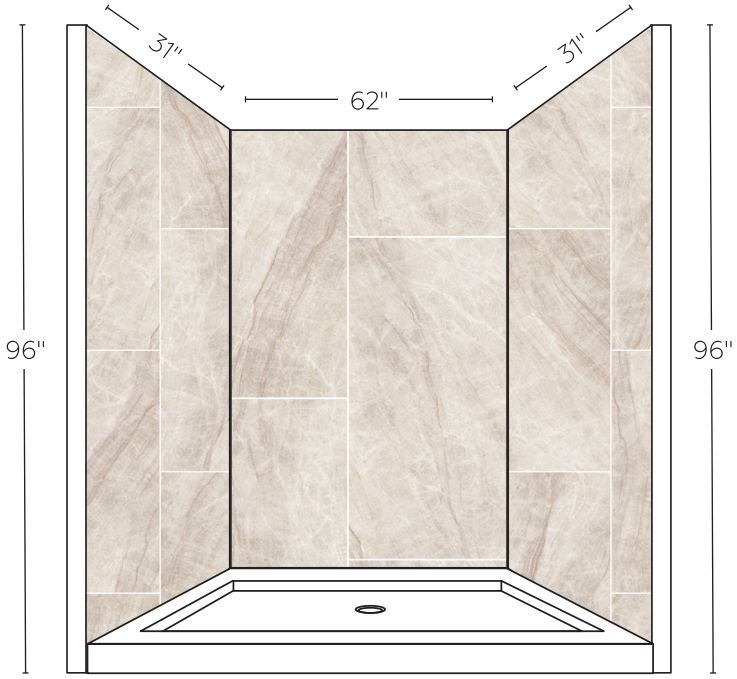
SIZES

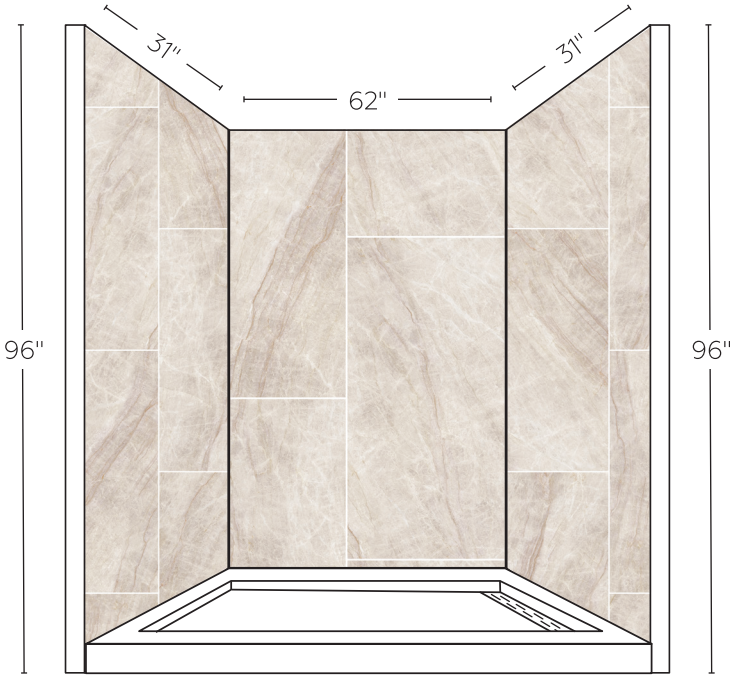
Nominal Size		Thickness	Finishes	Sq. Ft./Pc.	Avg. Lbs./Pc.
	62" x 96" Panel	6.35 mm	Glossy or Matte	41.30	127.00
	31" x 96" Panel	6.35 mm	Glossy or Matte	20.60	63.00

ACCESSORIES

	Type	Number	Size
	Trench	MV50RCT6032TRNMT MV50RCT3448TRNMT	32" x 60" 34" x 48"
	Center	MV50RCT6032CTMT MV50RCT3448CTMT	32" x 60" 34" x 48"
	Shelf/Footrest	MV50RCT303MT	3" x 30"
	Corner Shelf	MV50TRI77MT	7" x 7"

FINAL CONFIGURATION





WARNING
This product can expose you to chemicals known to the State of California to cause cancer, including crystalline silica (airborne particles of respirable size). For more information, go to www.P65Warnings.ca.gov.
DANGER: Dust generated during fabrication and installation processes contains crystalline silica (SiO_2) particles and workers who inhale such hazardous dust are at risk for silicosis, lung cancer, chronic obstructive pulmonary disease (COPD) and kidney disease.
PREVENTION: Fabricators and workers are to utilize proper preventative measures in fabrication, clean-up, installation and removal processes, including but not limited to any applicable regulations from the U.S. Occupational Safety and Health Administration and state or local authorities. Avoid inhalation of dust and use adequate ventilation during fabrication, clean-up, installation and removal. Do not dry cut or use dry methods! Use wet methods to reduce generation of dust. Use a properly fitted particulate respirator that meets or exceeds applicable regulations during fabrication, clean-up, installation and removal. Health and safety regulations set dust limitations and may require you to comply with additional preventative measures. Do not allow any individuals in the workplace without proper protections.

Read Safety Data Sheet instructions for additional safety information.

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