



## Prefabricated Tile Wall System

*Patent Pending*

### Installation Instructions

**NOTE:** Always use proper safety equipment during installation as required by your plant safety codes.

**Recommended tools for installation:**



An Angle grinder may be needed if walls have to be trimmed. 4" diamond blade approved for cutting ceramic or porcelain tile is recommended.

**Install tub or shower pan per manufacturer's instructions, being sure unit is plumb and level.**

**Note in the following pictures tub or pan must be installed against OSB covered stud wall:**



**The OSB wall is very important to ensure there is sufficient area to screw the walls to without having to hit a stud with a grout line.**



**Note: an alternative method is to install OSB between the studs to keep from having to run OSB the full length of a long wall. As long as the wall is flush so the pan can screw to the solid wall and the tile wall panel can be attached without having to hit studs.**

**If the tile wall is standard height and does not go all the way to the ceiling Sheetrock (Drywall or Vinyl on Gyp) is to be installed overlapping the OSB (not sitting flush on top of the OSB) to create a cavity that will allow the tile panel backer to go against the OSB but allowing the tile overlap to fit tight against the sheetrock.**



**If 1/4" or 3/8" Sheetrock or VOG is used furring strips are not required. If 1/2" sheetrock or VOG is used then 1/8" or 1/4" strips are need to be installed prior to the wall panel installation to ensure that the backer will be against a solid wall without space between the backer and the OSB.**



The back wall is always installed first. If the back wall is 2 pieces install the bottom section first. This wall may be numbered as 1.



**NOTE:** Plant approved construction adhesive should be applied to back of wall panel or to OSB wall before setting tile wall panel. This will ensure a strong adhesion of the wall panel to the OSB wall.



**NOTE:** Always use caution when lifting due to the weight of the walls.

Wall panel can be set directly on the tub or pan ledge but it is recommend to use a ¼" shim under the wall to give you some room for adjustment with grout lines when applying adjoining walls.



While being held in place, use supplied screws to secure tile panel to wall.

**NOTE:** In some kits 2 different screw sizes are supplied. The larger green screws are for the pre drilled holes at the grout intersections and the smaller silver screws are for the pre drilled holes in the straight grout line areas. Using the larger green screws in the straight grout line areas may result in chipping of the tile edges.



In the kits with multiple wall sections install the wall panels in the numbers sequence as marked on the panels.



Once the back wall panel(s) has been installed, install either of the side panels. If the panel is on the wall that has the shower diverter lever or knobs, measure and cut these prior to installing this panel.



**NOTE:** When applying a wall panel that is joining another panel, be sure grout lines are lined up properly and adjoining panel or side panel is pushed as tightly as possible to adjoining wall before securing to the wall. This will insure minimal grouting or caulking.

Once all wall panels have been securely installed with construction adhesive and screws, install supplied bullnose trim pieces to cover exposed tub flange below wall panel outside tub or pan unit.

Use Mastic or Thin set mortar to adhere the bullnose trim to wall.



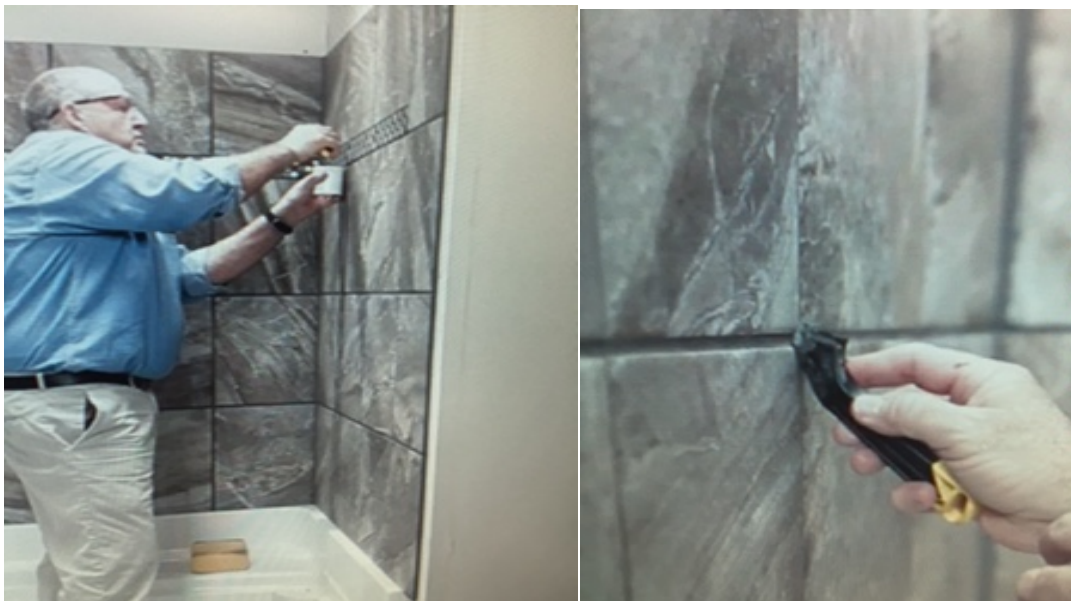
Be sure to use 1/4" spacers if multiple pieces are installed to ensure uniform grout lines with wall panel grout lines.



Adjoining corners should now be caulked with supplied color caulk. This caulk is waterproof and should only be used in the corners where the walls meet. Do not use on the screw holes or other grout lines.



Next: Install pre mixed grout(supplied) to screw holes and open grout lines (where two panel meet and bullnose). All grout used in the wall panels and the pre mixed supplied grout is pre sealed and does not require any sealing after the install is complete.



Immediately after grouting screw holes, bullnose and open grout lines sponge these areas with a damp sponge. Wipe lightly over the other creating a feathered application to ensure that the grout dries to match the existing grout lines.

**NOTE:** Sponge should just be damp and not wet with water dripping. This may cause the grout to dry a different shade.



Use clean water when dampening sponge. Dirty water may change the shade of the grout you are applying. Rinsing sponge often when wiping these areas will ensure the best possible results.

**Things to note:**

- 1. Tile can be cut to fit if walls are not exactly square or plumb but for best results and minimal work check walls and tub before starting.**
- 2. Be very careful handling tile walls. They are ceramic or Porcelain and will chip or break if not handled with care. NEVER stand them on the corners or lift from the middle.**
- 3. Be sure screws are countersunk to ensure grout coverage over the holes and screws.**
- 4. Tile walls do not need to be sealed after installation.**