

Delivery to Job-Site

1. Store indoors prior to installation.
2. Keep the shower pan covered before and after installation. We recommend cutting a plywood cover and setting it in the pan. It should be small enough to not interfere with wall material. The pan must not be set on any sides, base must be kept flat and treated like glass.

Slab-floor Preparation

1. The sub floor must be level and flat within 1/8". If it is not, mix Self Leveling Mortar and screed the floor level. The Self Leveling Mortar must be thoroughly dry before proceeding with the installation.
2. Shower must have 1/8" clearance to any adjacent wall materials to allow for expansion.
3. Minimum clearance shown are manufacturer requirements only. Clearances greater than those indicated may be provided at the installer's discretion to allow maneuverability and material movement, provided the shower pan and wall panels are not clamped, wedged, or restrained and required adhesive bond-line thicknesses are maintained.
4. The concrete slab should have a block out to allow the plumber to cut and fit the drain-line to the shower pan at the time of installation.
5. If the hole in the slab is greater than six inches from the center of the drain line, fill the hole with concrete level with the existing slab floor.

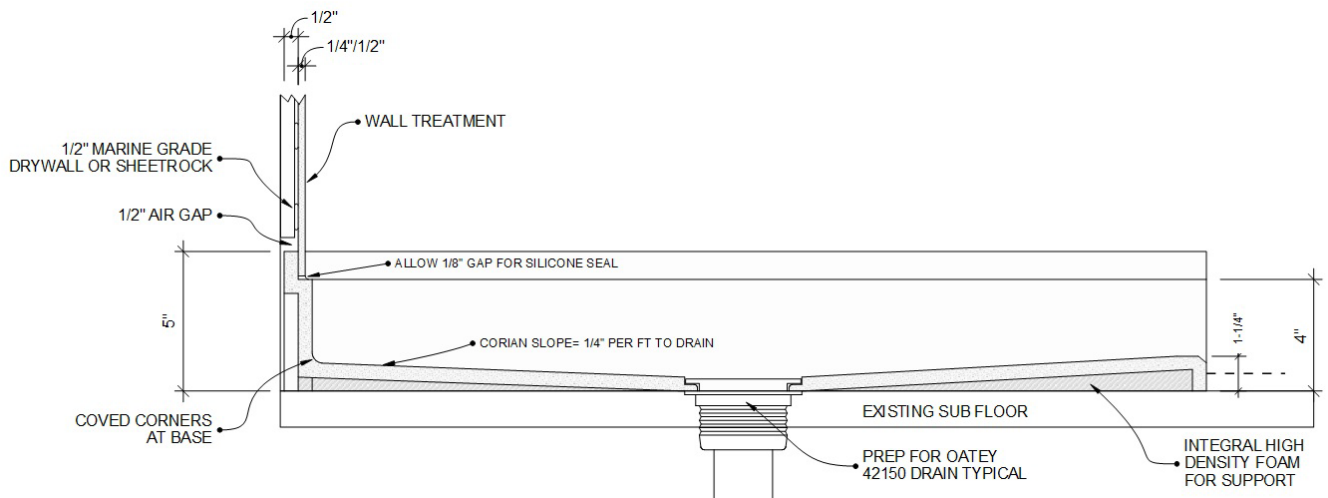
Installation Instructions

1. The Futrus® shower pan is installed before wall backer material is applied to the wall framing.
2. Place the pan in position to verify the drain location.
3. The plumber should normally verify the center location of the drain and then remove the pan to fit the drain to match. (Dry fit only Do Not apply adhesive.)
4. Be sure the hole in the concrete around the drain is large enough not to interfere with the plumbing. If the plumbing does not adequately clear, excessive pressure could be placed on the drain and cracking may occur.
5. Apply a continuous mortar bed beneath the shower base. Ensure full contact and support across the entire underside of the pan.
6. Set the pan in place lowering it straight down onto the drainpipe connection.
7. Place a level on top of the rim of the pan and check for level in all directions. Also be sure the pan and struts sits solidly on the floor. If not, go back to Slab-floor Preparation. Do not shim the Futrus® pan around the edges. It is very important that the pan is evenly supported in all areas.

Be sure there is a 1/8" gap between the side of the pan and the wall material. The pan must not be wedged between the walls.

8. Remove the pan and apply a continuous, evenly distributed adhesive bed across the slab-floor where the pan will be set, maintaining a minimum 1/8-inch adhesive bond line after placement. Adhesive shall provide uniform support and shall not be applied in dabs or spots. Substrate flatness must be achieved prior to installation; adhesive is not intended to correct slab irregularities.

9. Have the plumber add adhesive to the pipe connection and lower the pan straight down onto the drain connection and onto the slab floor. Verify the alignment and that the clearances are at least 1/8" from the surrounding framing. Allow the adhesive to dry sufficiently before walking on the pan to avoid movement. Do not apply a screw or nail into the outside flange.
10. The plumber can complete the drain connection and the Futrus® pan is now installed. At this point of the installation, it is recommended that a bead of silicone be applied along the bottom edge of the threshold to stop any chance of water getting under the show pan.
11. Water resistant green board is now applied to the studs leaving at least a 1/2" air gap between the top of the flange of the pan and the bottom of the drywall. Futrus® assumes no responsibility for problems due to faulty installation.
12. This diagram illustrates a typical installation for showers that do not require a recess installation to comply with ADA guidelines. The flooring level outside shower should be raised to comply with ADA clearance guidelines based on local codes. Alternatively, a ramp can be used at the shower entry.



2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

608.7 Thresholds. Thresholds in roll-in type shower compartments shall be 1/2 inch (13 mm) high maximum in accordance with 303. In transfer type shower compartments, thresholds 1/2 inch (13 mm) high maximum shall be beveled, rounded, or vertical. EXCEPTION: A threshold 2 inches (51 mm) high maximum shall be permitted in transfer type shower compartments in existing facilities where provision of a 1/2 inch (13 mm) high threshold would disturb the structural reinforcement of the floor slab. ADA Guidelines vary

