

## Concrete Floor Construction

### FUTRUS<sup>®</sup> SHOWER PAN INSTALLATION PROCEDURE:

#### **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. 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.
4. 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.

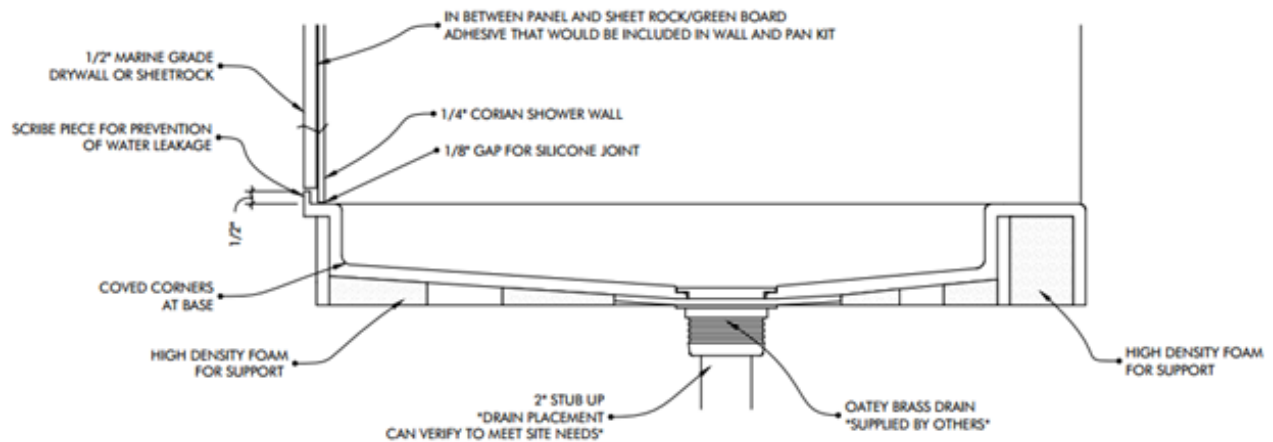
#### **Installation Instructions**

1. The Futrus<sup>®</sup> 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. Set the pan in place lowering it straight down onto the drainpipe connection.
6. 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<sup>®</sup> pan around the edges. It is very important that the pan is evenly supported in all areas.
7. Be sure there is a 1/8" gap between the side of the pan and the wall material. The pan must not be wedged in between the walls.
8. Remove the pan and we recommend applying dabs of construction adhesive in spots around the slab-floor where the pan will be setting, which will allow easier movement for alignment. 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.

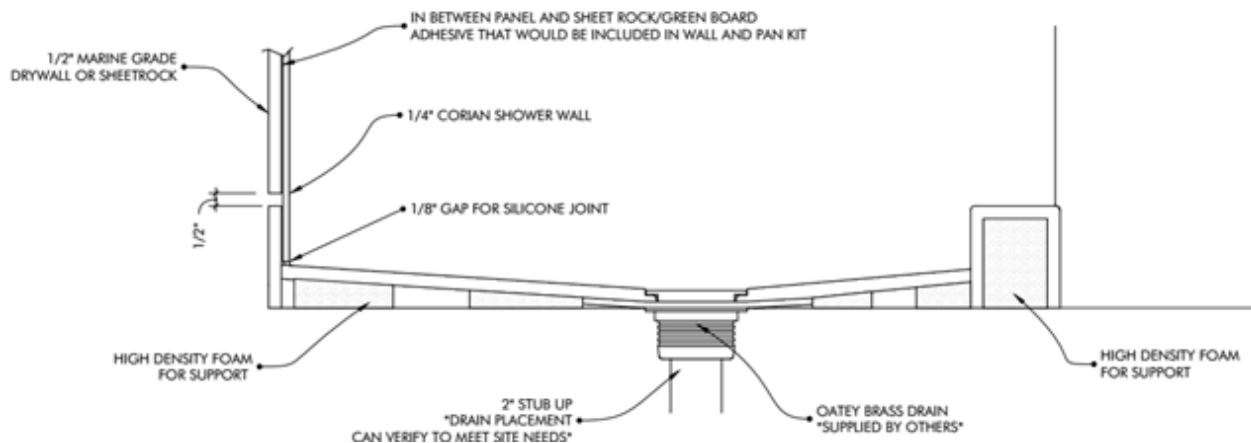
10. The plumber can complete the drain connection and your Futrus<sup>®</sup> pan is now installed. At this point of the installation it is recommended that a bead of silicone be applied along the bottom edge of the threshold to stop any chance of water getting under the shower pan.

11. Water resistant green board or sheet rock 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<sup>®</sup> assumes no responsibility for problems due to faulty installation.

### COVED BASE X-SECTION



### STRAIGHT SIDE BASE X-SECTION



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Typical drain dimensions from outside of the flange to center of drain hole

