

Installation Booklet

Uni-Green® Shower System

Uni-Moulding Inc.

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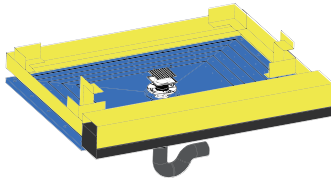
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ABOUT THE PRODUCT



The Shower system as we will refer to it in this installation booklet has been engineered to the highest standards available. It has been designed to be user friendly and is quickly becoming the preferred way to install shower systems. Our shower system doesn't require cutting of any structural floor system supports and is compatible with traditional joint systems, TGI's,

engineered truss systems and concrete floor applications.

The pan is made from recycled ABS with fiberglass filled, can be cut to fit almost any shower configuration. In the event that your installation requires cutting of the pan, we have included reinforced screw guides and additional bracing under the pan for strength. The cut slots and screw guides are easily located via dimple marks on the top of pan. Additionally, we have included a pre-textured surface on the pan to create a strong mechanical bond between the pan and the water-proofing membrane applied on it.

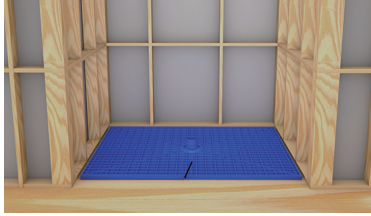
The drain assembly made from ABS and the top strain to be SS304. The pan was easily to be connected with 2" PVC, cast iron, copper or ABS pipes.

Tile showers created using traditional PVC shower pan membranes are more susceptible to leaking due to the numerous penetrations made through the membrane during construction. Anyone that has ever owned a tile shower created using this method has most likely had to deal with it leaking at some point.

Our installation procedure with the superior waterproofing is sure to give you many years of leak free showering.

Items Needed

- Monkey Wrench
- Staple Gun
- Hammer
- Tape Measure
- Level
- Pencil/Maker
- Utility Knife
- 4" wide paint brush
- Scissors
- Drywall Trowel
- Carpenters Square
- 1/2" Tile Trowel
- 2 of 5 Gallon Buckets
- Heavy Duty Mixer
- Sheers or grinder to cut tile backer board
- Sponge
- Skill Saw
- Waste Plug

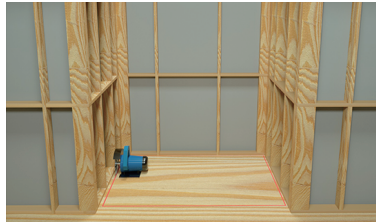


Step 1 : Pan Layout

Lay the pan on the floor and mark the drain opening. Make sure there is no structural objects below that interfere with hole opening for the drain. If your shower space doesn't allow you to lay the whole pan, we have provided a cutout template that can be used for this step.

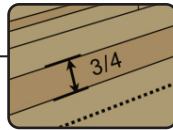
Step 2 : Floor Cut

Once the pan has been positioned and the floor marked, cut the floor area out with a skill saw. Set your saw blade just deep enough to cut the sub-floor, taking care not to cut anything below the subfloor. It's OK to over cut the size of the pan by 1/4" all the way around.



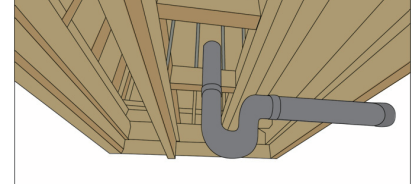
Step 3 : Joist Sistering

Measure and cut 2X4's to picture frame the opening between the joists. Apply construction adhesive and screw or nail the 2x4's to the sides of the joists. The 2x4's should be held 3/4" below the top of the joist. Install 2 cross support 2x4's near the drain opening. These pieces can lay horizontally and should be positioned leaving clearance for the required opening for the drain.



Step 4 : Drain Installation

For installations without access below, set the pan in place and pull measurements to the center of your drain opening. Remove the pan and install your drainage waste pipe, stubbing the pipe above the subfloor level.



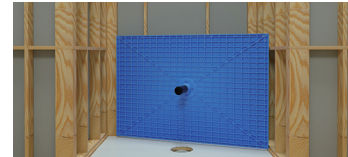
Step 5 : Plywood Sub-Floor

Cut 3/4" plywood to fit between the joists and on top of the 2x4's. Apply construction adhesive to the top of the 2X4's, insert the plywood and screw or nail into places.



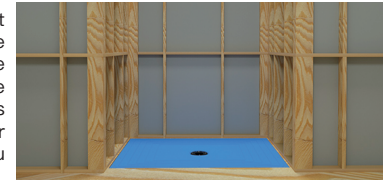
Step 6 : Solvent welds over 2" pipe

Have a short length of 2" pipe, solvent welds from the back of the pan.



Step 7 : Setting the pan

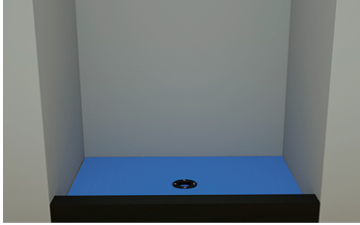
Mix the NA-3200 Latex Modified thinset according to the package label and pour into the recessed pan opening. The thinset should be thicker at the outside edge and tapered near the drain. Set the pan into place. Verify the pan is setting level. Carefully screw the perimeter screws into place checking for levelness as you go.



Tip: In the event that the floor is not level, additional thin-set can be applied to the low side to level up pan. Always allow thin-set to set up before standing on pan.

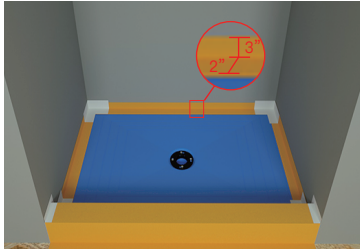
Step 8 : Tile Back Board & Install the Curb

Cut 1/2" tile backer board and screw to the walls. Have the curb placed just by the edge of the pan, (cut the size to desired if needed to fit)



Step 9 : Seam Waterproofing

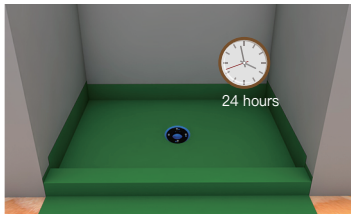
Have the 5" waterproof membrane strip to seam the joint area where the pan and wall meets. (3" up to wall, 2" down to floor, and make sure that where the screws holes located sealed) with thinset. Then have the curb area sealed with the 19X48" strip (details as illustrated) with thinset. Following with 4 inner corners and 2 outer corners.



Step 10 : Pan Waterproofing

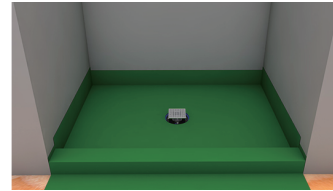
Apply the waterproofing membrane with a 4" wide paint brush where the joints located, corners. And let it dry. Following the same procedure for the remaining sections of the pan. This coat should dry for approx. 16 hrs. this entire process can be completed easily in 1 day, although the 1st couple installations may take slightly.

Re-coat the entire pan and let it dry for 24hrs. The final thickness of waterproofing should be about the thickness of a credit card or 0.5mm.



Step 11 : Testing

Seal the drain opening, Fill the shower with water for 24hours or as long as local codes require. Once complete, pull the test and remove all the putty from the shower floor.



Step 12 : Drain Grate Installation

Thread the pre-assembled head adapter with the strainer into the clamping collar. The head adapter can be easily removed during the tile procedure to adjust the finished strainer height up or down as required. Then the shower pan is completed and ready to be tiled.

Step 13 : Tiling and Grout

Apply the tiles from the drain edges and up to wall, once tiling finished, Grout the surface of the tiles.

