Shower Pan Liner Installation Instructions

Shower pan liners should be constructed to adhere to the requirements set forth by the 2015 International Residential Code (IRC P2709) and/or the International Plumbing Code (IPC 417.5).

These instructions assume you will be installing the liner into a properly prepared wood subfloor. This includes a 4.5 diameter hole in the subfloor centered around the plumbing pipe. This product is compatible with flange style clamping drain. Consult a plumber for a compatible drain type if you are not sure. Make sure the shower base is clean, level and free of any debris or nails in the carpentry or sharp objects that could damage the liner.

1. Disassemble the drain components and install the drain as instructed by the manufacturers instructions.
2. Use a drain plug or cover the drain base to keep debris from falling into the plumbing during construction.
3. Re-insert the locking ring collar bolts, they do not need to be tightened but will aid us in a future step.
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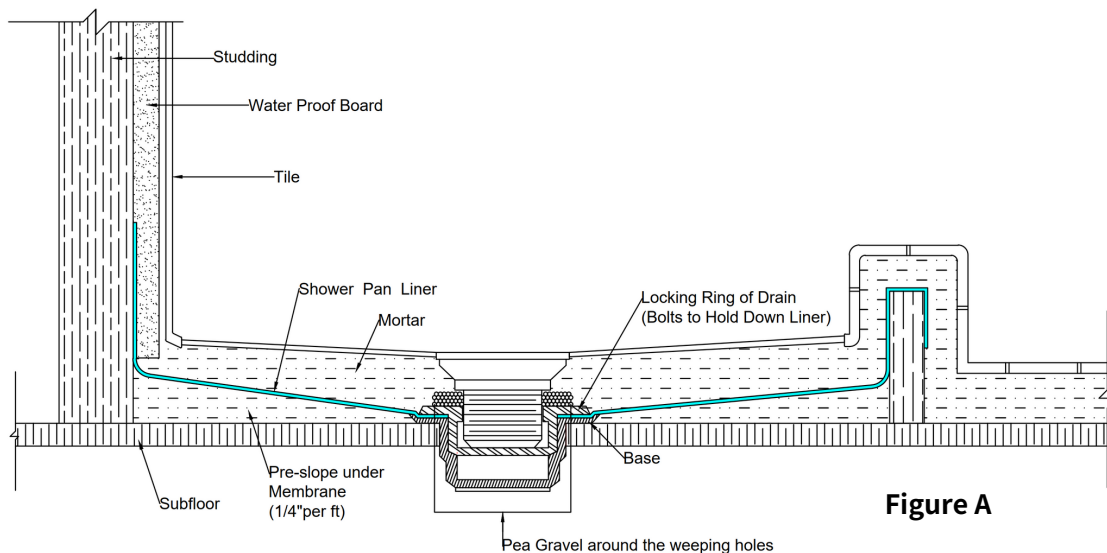

Figure A

Labels: Studding, Water Proof Board, Tile, Shower Pan Liner, Mortar, Locking Ring of Drain (Bolts to Hold Down Liner), Subfloor, Pre-slope under Membrane (1/4"per ft), Base, Pea Gravel around the weeping holes

5. Remove any drain coverings. Apply a ¼-⅜ bead of 100% silicone caulk around the outside diameter of the drain base. The caulk should be 1" from the outer perimeter of the drain. Avoid the bolt holes or weep holes of the drain base.

6. Center the liner above the drain. Make sure the size of the liner allows wall coverage at least 5" above the shower curb.

7. Locate the drain bolts. Create small X cuts to allow the bolt heads to pass through the shower pan liner. Set the liner down onto the silicone. Install the clamping ring. Rotate it into its locking position and tighten the bolts.

8. Work any wrinkles outward toward the wall so that the liner sits flush against the wall and flat on the mortar bed.

9. Cut and fasten the liner so that its at a consistent level at least 5" above the shower curb. Fasten the liner to the walls using roofing nails or staples ½" from the top of the liner.

10. Fold the corners. Refer to figure B. Fasten the folded liner to the wall or tuck the liner corners into a cavity in the wall if possible. Use PVC solvent to weld the folds together.
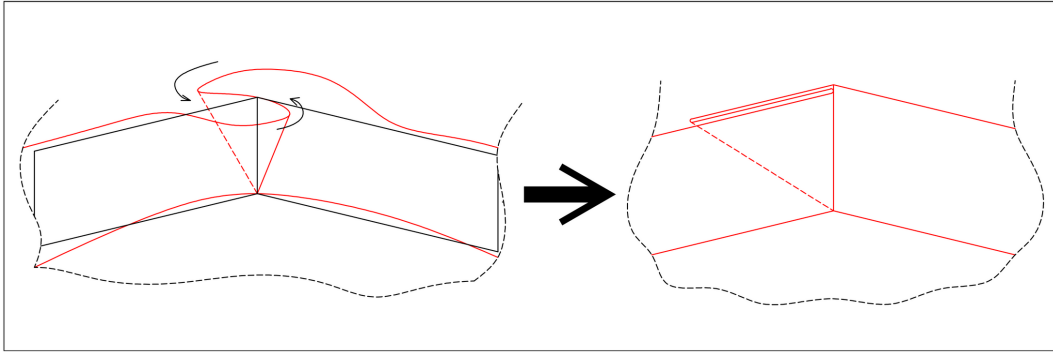
Figure B

Install The Liner To The Curb

1. Cut a separate piece of liner that can be directly installed to the curb. Do this by measuring the top surface and the inside and outside height of the curb. Then measure the width of the liner wall to wall. Cover the curb with the liner and fasten it with nails or staples.

2. Cut two rectangle pieces that will cover the right angle seams where the curb meets the wall. Adhere them to the top of the curb with PVC solvent, fasten the vertical section to the wall with staples.

3. Fold shower pan liner over the curb. It may be necessary to cut the shower pan liner while installing it to the curb and outside corners. We recommend installing our prefabricated outside corners over these cuts. Fasten the liner to the outside of the curb near the bottom.

Test For Leaks

Testing shall be in accordance with Section 312.9 of the IPC.

1. Cut the liner to create a drain hole.

2. Insert a drain plug.

3. Fill the shower slightly below the curb height.

4. After a few hours check the water level to determine if there are leaks. Patch any leaks and repeat this process if necessary

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