



TILE SHOWER DRAINS

For a wood subfloor installation cut a 4.5" diameter hole in the center of the shower floor where the drain will be positioned. Disassemble the shower drain. Put the shower drain base in the opening so the flange of the drain base rests on top of the subfloor. Make sure drain pipe is cut square using tube cutter or miter saw. Deburr edges of pipe. Take care to ensure that the test plug (if provided) is fully seated into the drain base with the pull tab position upward such that it can be removed from the top side of the drain. Solvent weld the drain pipe into the drain base using the appropriate solvent cement.

Before applying the primary mortar bed, cover the drain base opening to keep debris from entering the drain. Apply primary mortar bed over the subfloor at 1/4" per foot slope from the wall framing to the top of, but not over, the flange of the drain base. Take care not to let mortar harden on the surface of the flange or in the flange groove.

NOTE: The sloped mortar bed should be flush with the flange of the drain base as shown.

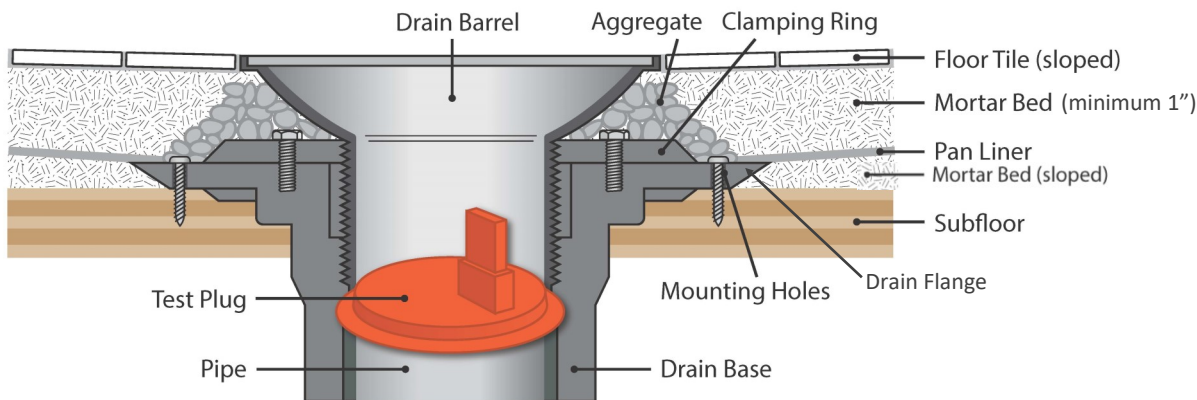
When the primary mortar bed has cured, install the pan liner in the shower area according to the pan liner manufacturer's recommendations.

Very carefully cut out the center of the pan liner in the center of the drain base approximately 1/4" inside the opening. Cut around the bolt holes on the drain base to allow for insertion of the bolts. NOTE: Cut outs should be made as minimal as possible around bolt holes just enough to start the bolts. DO NOT cut close to the flange groove. Screw the clamping ring bolts into the bolt holes approximately 2-3 threads deep. Place clamping ring over the bolts and twist into place making sure the pan liner remains flush to the flange. The clamping ring and flange are designed to mate together to form the seal with the pan liner. No adhesive is necessary. Tighten bolts to finish the seal.

Finish installing pan liner according to manufacturer's recommendations. Test the pan liner by filling the shower floor with 2-3" water or in accordance with local plumbing inspection requirements. Once tested, drain the water by removing the test plug. NOTE: Make sure the drain is connected to the plumbing system.

Screw the drain barrel (contains the strainer) of the drain into the clamping ring to the desired height. NOTE: Consider the thickness of the floor tile and set height of the drain barrel such that at least 1" of mortar bed thickness exists between the top of the drain barrel and the top of the drain flange. Before the application of the mortar bed place some aggregate over the weep holes so the mortar doesn't completely cover them.

After the mortar bed has set, proceed with installation of floor tile.



TEST PLUG INSTRUCTIONS

Integral test plug rated for 3 story DWV test (30 ft. of head)

