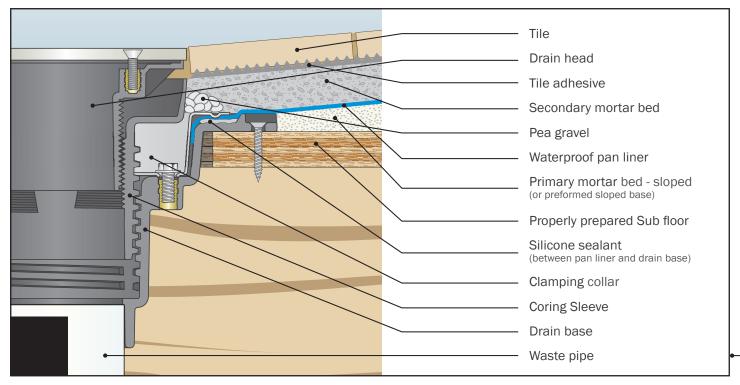# Installation Instructions

▶▶ 822 Series FinishLine™ Shower Pan Drain with Sheet-Type Pan Liner[1]

Always be aware of, and follow local plumbing codes. Follow all manufacturer's installation instructions for waterproofing membrane.

Be sure the sub floor is prepared for the installation, meets local code requirements, and Tile Council of North America (TCNA) guidelines.

Failure to follow these instructions could result in personal injury or property damage.

1: Determine the location of the drain. Cut a 5-1/4" - 5-1/2" diameter hole in the wood sub floor where the drain will be positioned. Disassemble the shower drain. Secure the shower drain base in the opening so that the flange is supported by the sub floor. Be sure the drain base is level and any fasteners used will not damage the waterproof pan liner. Solvent weld the waste pipe into the drain base using the appropriate solvent cement.

2: A preformed, sloped base material can be used in place of a primary mortar bed. If a preformed base is used, be sure to follow manufacturer's instructions for installation. If installing a primary mortar bed, cover the drain base to protect it from mortar/debris. Apply primary mortar bed over the sub floor at 1/4" per foot slope from the wall framing down to the top edge, but not over the flange of the drain base. The sloped mortar bed should be flush with the top of the drain base as shown (below). Take care not to damage the surface of the drain base. Remove mortar and do not let any mortar harden in any area on the surface of the drain base. When the primary mortar bed has cured, remove the cover from the drain base and be sure the top surface is clean and free of debris.

3: Install the waterproof pan liner in the shower area according to the pan liner manufacturer's instructions and local plumbing code. Carefully cut a round opening in the pan liner approximately 1/2" inside the opening in the drain base - confirm the hole in the pan liner is centered above the drain base opening. *TIP: Before proceeding, cover the drain outlet temporarily to prevent losing items down the drain line.* Apply a continuous bead of 100% silicone sealant in the recess of the drain base, between the drain base and the pan liner as shown (below). Quickly (before silicone sealant cures), center the stainless steel clamping collar over the cut hole and align the three screw holes in the collar with the three threaded holes in the drain base. Firmly push collar down over drain base and hold in place while starting all three provided screws. Alternately tighten all three screws completely - Note: screws can be installed with a 5/16" socket. Remove anything used to temporarily cover the drain outlet and finish installing pan liner according to manufacturer's instructions.

4: After silicone sealant cures, perform a flood test of the shower pan according to plumbing codes and TCNA guidelines. Make sure the drain is connected to the plumbing system. After a successful flood test, drain the water from the shower pan.

5: Thread the drain head with stainless steel cover fully into the Coring Sleeve. Thread the Coring Sleeve into the drain base and adjust to be flush with secondary mortar bed. NOTE: Mortar bed surrounding the Coring Sleeve should be at least 3/4" thick per TCNA guidelines. Before installing the secondary mortar bed, place pea gravel in the gap between the Coring Sleeve and the clamping collar as shown (below) to prevent mortar from clogging secondary drainage path. Note: The drain head/cover (inside the Coring Sleeve) can be troweled-over during installation of secondary mortar bed.

6: After the secondary mortar bed has set, proceed with installation of shower floor tile. Remove drain head with stainless steel cover from inside the Coring Sleeve and attach strainer or ring/strainer with desired finish (available separately) to the drain head. Reinstall drain head into Coring Sleeve and adjust to be flush with floor tile.

Tile
Drain head
Tile adhesive
Secondary mortar bed
Pea gravel
Waterproof pan liner
Primary mortar bed - sloped (or preformed sloped base)
Properly prepared Sub floor
Silicone sealant (between pan liner and drain base)
Clamping collar
Coring Sleeve
Drain base
Waste pipe

1 Waterproof pan liner should be certified/approved, and conform to ASTM D4551 for PVC, or ASTM D4068 for CPE