

ProPan™ Shower Pan Installation Instructions

1.0 PRODUCT & MATERIALS

- 1.1 Product: ProPan is made from high-density expanded polystyrene, fiberglass mesh and a liquid waterproof membrane finish. Drain assembly is cemented into base. ProPan is 100% waterproof and ready-to-tile.
- 1.2 Materials: Circular saw for field modification. Latex modified thin-set, ½" x ½" notched trowel for installing ProPan. PVC or ABS cleaner and solvent for drain connection. Polyurethane sealant and putty knife.

2.0 PREPATORY WORK

- 2.1 Ensure that walls are square and plumb for proper fit of pan.
- 2.2 Sub floor under pan must be clean and level. Cut floor drainpipe 1 3/8" below floor level.
- 2.3 Remove square strainer from the drain and test fit pan to make certain it fits over drainpipe properly and sits flush and level with floor.
- 2.4 Remove the pan.

3.0 INSTALLATION

- 3.1 Apply a medium bed, latex modified thin-set to the floor area and the underside of pan. Use a ½" x ½" notched trowel.
- 3.2 Apply a liberal coat of PVC or ABS cleaner and solvent cement to the drainpipe and inside the drain where the connection will be made. Note: Solvent choice based on drain type. Follow manufacturer's instructions.
- 3.3 Set pan into the wet thin-set and apply pressure to achieve complete coverage.
- 3.4 ProPanel™ Lightweight Waterproof Backer Board Installation: Apply a ½" continuous thick bead of polyurethane sealant into the channel of the ProPan. Using ½" ProPanel Backer Board, set the board into the sealant until you see sealant oozing out along the joint. Spread excess sealant ensuring a continuous seal at the joint.
- 3.5 Fasten ProPanel directly to framing with ProPanel fasteners starting 1 foot above the shower pan. Whenever 2 boards come together to make a joint, apply a ½" bead of sealant on board edges. All boards must be fitted together tightly allowing sealant to ooze from joint. Spread excess sealant ensuring a continuous seal at the joint.
- 3.6 Next, determine location of ProPan Curb. Affix curb to floor by applying a ½" modified mortar bed to floor and underside of curb. Before setting curb in place, apply a bead of polyurethane to ProPan channel and to the adjoining wall panels.
- 3.7 Screw square strainer down to correct height to match tile. Pack thin-set or pea gravel into area cut out for strainer adjustment.
- 3.8 All fasteners must be completely covered with sealant and spread to form a seal.
- 3.9 **After installation is complete, it is specified to apply another bead of sealant on all joints, especially on the ProPan perimeter and curb, to fill any voids in sealant.**
- 3.10 Install tile according to Tile Council of North America (TCNA) guidelines.

NOTE: ProPan can be easily cut to size using a circular saw. If modified, the ½" premanufactured channel must be field-cut back in to allow for proper installation of ½" ProPanel Backer Board. The connections must be sealed with polyurethane sealant.

For Technical Assistance Call Fin Pan, Inc. at 800-833-6444