



ProPan®

Product Description

ProPan shower pan and curb system constructed of lightweight, high-density expanded polystyrene, fiberglass reinforced mesh and coated with a 100% liquid waterproof membrane. Drain system is factory pre-installed drain assembly and ready-to-tile.

Uses

- Interior use only, must be covered by tile
- Residential, commercial and industrial showers
- Stalled gang showers and pet showers

Advantages

- Prefabricated drain assembly
- Installs in minutes
- Easily cut to fit at the job site
- Standard 10-year warranty
- Superior resistance to moisture and mold
- Industry standard 1/4" per foot slope to drain
- Custom sizing and options available
- Waterproof and ready to install thin-set
- Lightweight, durable and impact tolerant
- Will not soften, rot, swell and delaminate

References

- Waterproofing membrane meets ANSI A118.10
- Assembly meets IAPMO-PS-46

Suitable Substrates

- Concrete, Exterior glue plywood, FinPan cement boards, OSB or Advantech

Shelf Life

- Indefinite shelf-life, store at 32°-110° F (0°-43° C)
- Store indoors and protected from damage

Installation Materials:

- Circular saw with adjustable guide or utility knife
- Modified thinset for setting pan and tile
- 1/4" x 1/4" (6 mm x 6 mm) square notched trowel
- SIKAFLEX 11 FC polyurethane sealant
- Caulking gun to apply sealant
- Putty knife for polyurethane sealant application
- PVC or ABS cleaner and solvent cement
- 1/2-inch FinPan ProPanel waterproof backer board



Center Drain Models:

- PRO-500 / 48" x 48" (122 cm x 122 cm) ABS or PVC
- PRO-501 / 36" x 60" (91 cm x 152 cm) ABS or PVC
- PRO-502 / 36" x 48" (91 cm x 122 cm) ABS or PVC
- PRO-503 / 48" x 60" (122 cm x 152 cm) ABS or PVC



Off Center Drain Model (Tub Replacement)

- PRO-504 / 38" x 66" (96 cm x 168 cm) ABS or PVC



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Square Drain Cover

- **Cast Square:** Antique Bronze, Brushed Nickel, Oil Rubbed Bronze and Stainless Steel



Site Examination

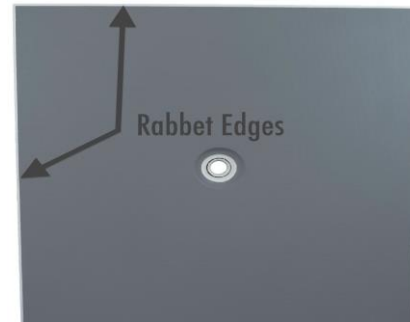
- Install on structurally sound and supported surfaces
- Substrate deflection under all live, dead and impact loads, including concentrated loads must not exceed L/360 for thin bed ceramic tile/brick installations or L/480 for thin bed stone installations and L/600 for all exterior veneer applications where L=span length.
- ProPan Full Foam Curbs are rated to 40 psi.
- A 2 x 4-inch wood curb structure is required when installing hingeless glass doors/European-style glass enclosures.

Preparation

- Measure shower area and verify adjacent walls are square and plumb.
- Install perimeter stud supports. Install two (2) stacked green treated 2 x 4" studs to provide support for backer board and wall tile materials.
- Verify subfloor is structurally sound and level.
- Prior to cutting subfloors, verify joists, electrical, plumbing and other building components are not within installation area.
- Loose lay floor pan against the installed perimeter and trace drain opening on floor.
- Remove pan and cut out a 5-inch (127mm) diameter hole to allow pan to be inserted into floor.
- Under floor drainpipe connection must be recessed 1-3/8-inch (35 mm) below subfloor to insert drain.
- Loose lay pan to make certain drainpipe and pan drain connect and are flush and level with the floor.

ProPan Edges

- Pan is pre-fabricated with a "white rabbet" recessed joint edge where sealant will adhere a backer board.
- Verify edges are flush and dependent on the model.
- Adjustments the pan edges using a utility knife.
- Maintain the below rabbet clearances:
 - *Center Drain Models:* 1/2-inch (12 mm) deep and wide
 - *Off Center Drain Model:* 7/8" (22 mm) deep and 1/2-inch (12 mm) wide



Rabbit Edges Location

Installation

- Read and review all installation instructions prior to proceeding with installation.
- Clean and remove contaminants from subfloor.
- Using a 1/4" x 1/4-inch (6 mm x 6 mm) notched trowel, spread a medium bed, modified thin-set to the back of the pan and to the subfloor installation area.
- 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. (If plumber is making the connection this step can be performed after the pan is set into thinset).
- Set pan into the wet thinset and verify the drain pipe and waste line are properly connected. Check pan for level set on floor. Apply weight (thinset bags) equally across pan for 45 minutes.

Backer Board Selection

FinPan recommends ProPanel waterproof board as a backing board to simplify the installation process. In the event a cement backer board is installed, additional installation methods are required to waterproof boards prior to tile installation.



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Wall Backer Board Installation

- Clean rabbet edges of contaminates and thin-set.
- Apply a 1/2" (12 mm) continuous thick bead of polyurethane sealant into the rabbet joint.
- Using 1/2" (12 mm) ProPanel waterproof backer board, gently insert the board into the sealant until sealant oozes out along the joint. Spread excess along board, pan edge to ensure a continuous seal at the joint.
- Starting at inner wall perimeter edge, fasten a ProPanel waterproof backer board directly to framing with ProPanel fasteners starting 1' (300 mm) above the shower pan.
- Apply 1/2-inch (12 mm) bead of sealant to board edge
- Insert adjacent board until sealant oozes from joint and secure using fastener.
- Spread excess sealant with putty knife to ensuring a continuous seal at joint.
- Seal fastener face with sealant to waterproof.

Waterproof Curb Installation

- Determine location of ProPan Curb.
- Secure curb to floor by applying a 1/4" (6 mm) notched trowel spread of modified mortar bed to floor and underside of curb. **Before** setting curb in place, apply a 1/2" (12 mm) bead of sealant to rabbet channel and to the adjoining wall panels.

Screw Drain

- Insert and adjust the drain square screw strainer down to correct height to match tile.
- Cut threads down to adjust strainer to correct height.
- Pack thinset or pea gravel into area cut out for strainer adjustment.



Strainer

Reseal Joints

- Apply 1/2-inch (12 mm) bead of sealant on all pan and curb edges backer board joints and curb to fill any voids in sealant.

Cement Backer Board Sealing

- Apply 6" (152 mm) fiberglass mesh at shower pan base, 3" (76 mm) on pan base and 3" (76 mm) up wall. Apply two coats of liquid waterproofing over fiberglass mesh and up the walls a minimum of 1' (300 mm). Allow 1st coat of waterproofing to cure completely before applying the 2nd coat.

ProPan Repair

- Repair damage and punctures in ProPan surface by recoating punctures with 2-coats liquid waterproofing.

Maintenance

- ProPan requires no maintenance
- Square drain cover should be removed periodically to remove any debris from trap.
- Clean with water and a clean towel, when required.

Tile Installation Detail

- Install in accordance with the Tile Council of North America (TCNA) guidelines using modified thin-set.

Availability

Fin Pan products are available worldwide.

For Distributor information call:

Toll Free: (800) 833-6444

Telephone: (513) 870-9200

Maintenance

- ProPan requires no maintenance.
- Drain grate should be removed periodically to remove any debris from trap.
- Clean with water and a clean towel when required.

Technical Assistance

Contact FinPan Monday – Friday, 8am to 5pm EST.

Please visit our website at www.finpan.com