



ProPan Shower Pan

DS-PROPAN-060118

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1. PRODUCT NAME

Fin Pan ProPan Shower Pan

2. MANUFACTURER

Fin Pan, Inc.

3255 Symmes Road

Hamilton, OH 45015

Telephone: 1-513-870-9200

Toll Free: 1-800-833-6444

Fax: 1-513-870-9606

Internet www.finpan.com

3. PRODUCT DESCRIPTION

ProPan Shower Pan is a UPC rated pan that is constructed of lightweight, high-density expanded polystyrene, fiberglass mesh and a liquid waterproof membrane finish coat. ProPan adheres to industry standard 1/4" per foot drain slope and comes standard with integrated drain assembly. ProPan is 100% waterproof and ready-to-tile.

Materials: Circular saw with adjustable guide or utility knife for field modification of ProPan or drain strainer, modified thinset for setting pan and tile, 1/4" x 1/4" (6 mm x 6 mm) square notched trowel for installing pan, PVC (Polyvinyl Chloride) or ABS (Acrylonitrile Butadiene Styrene) cleaner and solvent for waste line connection, SIKA Flex 11 FC polyurethane sealant (or equivalent) and caulk gun to apply sealant in the ProPan rabbet joint and putty knife to ensure continuous seal of polyurethane sealant.

Advantages

- Pre-sloped ready-to-tile pan eliminates need for traditional mud bed installations
- Lightweight and durable. Easy to carry and install.
- Factory installed, code approved waterproofing meets ANSI A118.10 requirements
- Factory installed drain assembly
- Easily modified to size on site
- Code approved in United States and Canada, meets IAPMO-PS-46
- Fin Pan 10-Year Limited Warranty
- Works in conjunction with Fin Pan ProPanel Lightweight Waterproof Backer Board and other backer boards.

Uses

- Interior use only
- Residential, commercial and industrial showers
- Stalled gang showers
- Pet Showers

Suitable Substrates

- Concrete
 - Exterior glue plywood *
 - Cement Backer Board
 - OSB or Advantech
- *Interior Use Only

ProPan Models

Center Drains

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 (Tub Replacement)

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

PRO-CUSTOM / PF-008

Shelf Life

- ProPan Shower Pan is guaranteed as long as there is no damage to pan. Store at 32°-110° F (0°-43° C)
- SIKA Flex 11 FC - 9 months in unopened containers. Store at 40°-95° F (4°-35° C).

Limitations

- Surfaces must be structurally sound, stable and rigid enough to support ceramic/stone tile, thin brick and similar finishes. 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 where L = span length.
- ProPan Full Foam Curbs are rated to 40 psi.
- A wooden 2 x 4 curb structure is specified when installing hingeless glass doors/European-style glass enclosures.
- Mastics and silicones are never to be used.
- Don't expose to rubber solvents or ketones.

- Don't expose to sun or weather.
- Must be covered with ceramic tile, stone finish.
- Use protection board for cover prior to tiling.

Cautions

Consult MSDS for safety information.

- If waterproof coating on the ProPan is punctured during installation re-coat the punctured area and 2" (50 mm) around the area with two coats of a liquid waterproofing.

4. TECHNICAL DATA

Waterproofing membrane meets ANSI A118.10

Assembly meets IAPMO-PS-46

5. INSTALLATION

Preparatory Work (without wall board)

- Ensure that walls are square and plumb.
- Cut and install 2 stacked 2 x 4's between studs on the floor to provide support to backer board.
- Sub floor under pan must be clean and level. Cut out a maximum 5" diameter hole around drainpipe to allow pan to be inserted into floor.
- Cut floor drainpipe 1 3/8" (35 mm) below floor level.
- Remove square strainer from the drain and test fit pan to make certain it fits over drainpipe and sits flush and level with the floor.
- Remove the pan.
- If the pan needs to be site adjusted to fit the shower use a circular saw or utility knife to cut the pan to the proper shower dimensions.
- Dry fit the pan to make certain it properly fits over the drainpipe and sits flush and level with the floor.
- Using a circular saw with guide or utility knife recut the rabbet joints into the edges of the pan where required. For PRO-500-503 models the rabbet joint should be 1/2" (12 mm) deep and 1/2" (12 mm) in from the edge of pan. For PRO-504 rabbet joint should be 7/8" (22 mm) deep and 1/2" (12 mm) in from edge of pan.

Installation

- Apply a medium bed, modified thinset to the floor area and underside of pan using a 1/4" x 1/4" (6 mm x 6 mm) notched trowel.
- 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).

Note: Follow manufacturer's instructions.

- Set pan into the wet thinset and apply pressure to achieve complete coverage, insuring that the drain pipe and waste line are properly connected. Check pan for level set on floor. Apply weight (thinset bags) equally across pan for 30 minutes.

Wall Backer Board Installation

ProPanel Lightweight Waterproof Backer Board

- Apply a 1/2" (12 mm) continuous thick bead of polyurethane sealant into the rabbet joint of the ProPan.
- Using 1/2" (12 mm) ProPanel, 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.
- Fasten ProPanel directly to framing with ProPanel fasteners starting 1' (300 mm) above the shower pan. Whenever two boards come together to make a joint, apply a 1/2" (12 mm) 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 joint.
- All fasteners must be completely covered with sealant and spread to form a seal.

Concrete Backer Board or Other Backer Board

- Apply a 1/2" (12 mm) continuous thick bead of polyurethane sealant into the rabbet joint of the ProPan.
- Using 1/2" (12 mm) cement 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. Take care when installing board onto base of ProPan.
- Fasten Cement Backer Board per manufacturer's installation instructions to framing with cement backer board screws starting 1' (300 mm) above the shower pan. Follow the instructions manufacturer's instructions for treating seams.
- All screw heads should be covered with thin-set.

After Wall Backer Board is Installed

- Determine location of ProPan Curb. Affix curb to floor by applying a 1/4" (6 mm) modified mortar bed to floor and underside of curb. Before setting curb in place, apply a 1/2" (12 mm) bead of sealant to ProPan rabbet channel and to the adjoining wall panels.
- Next, screw strainer down to correct height to match tile. **Note: If required, cut threads down to adjust strainer to correct height.** Pack thinset or pea gravel into area cut out for strainer adjustment.

After ProPan Installation is Complete

ProPanel Lightweight Waterproof Backer Board

- Apply another 1/2" (12 mm) bead of sealant on all ProPan perimeter joints and curb to fill any voids in sealant.

Concrete Backer Board or Other Backer Board

- 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.

Tile Installation Detail

- Install tile using a modified thinset and in accordance with the Tile Council of North America (TCNA) guidelines.

Preparatory Work (with wall board already in place)

- Ensure that walls are square and plumb.
- Sub floor under pan must be clean and level. Cut out a maximum 5" diameter hole around drainpipe to allow pan to be inserted into floor.
- Cut floor drainpipe 1 3/8" (35 mm) below floor level.
- Remove square strainer from the drain and test fit pan to make certain it fits over drainpipe and sits flush and level with the floor.
- Remove the pan.
- If ProPan needs to be site adjusted to fit, use a circular saw or utility knife to cut the pan to the proper dimensions.
- Do not cut rabbet channel back into pan base.
- Dry fit the pan to make certain it properly fits over the drainpipe and sits flush and level with the floor.

Installation

- Apply a medium bed, modified thinset to the floor area and underside of pan using a 1/4" x 1/4" (6 mm x 6 mm) notched trowel.
- 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).

Note: Solvent choice based on drain type.

- Set pan into the wet thinset and apply pressure to achieve complete coverage, insuring that the drain pipe and waste line are properly connected. Check pan for level set on floor. Apply weight (thinset bags) equally across pan for 30 minutes.
- Determine location of ProPan Curb. Affix curb to floor by applying a 1/4" (6 mm) modified mortar bed to floor and underside of curb. Before setting curb in place, apply a 1/2" (12 mm) bead of sealant to

ProPan rabbet channel and to the adjoining wall panels.

- If the original rabbet joints remain on the perimeter fill them with a medium bed modified mortar.
- Next, screw strainer down to correct height to match tile. **Note: If required, cut threads down to adjust strainer to correct height.** Pack thinset or pea gravel into area cut out for strainer adjustment.

After ProPan Installation is Complete

ProPanel Lightweight Waterproof Backer Board

- Apply a 1/2" (12 mm) bead of sealant on all ProPan perimeter joints and curb ensuring a continuous bead of sealant.

Concrete Backer Board or Other Backer Board

- 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.

Tile Installation Detail

- Install tile using a modified thinset and in accordance with the Tile Council of North America (TCNA) guidelines.

6. AVAILABILITY AND COST

Availability

Fin Pan products are available worldwide.

For Distributor information call:

Toll Free: 1-800-833-6444

Telephone: 1-513-870-9200

Cost: Contact a Fin Pan Distributor in your area

7. WARRANTY

Contact Fin Pan

8. MAINTENANCE

ProPan requires no maintenance. Drain grate should be removed periodically to remove any debris from trap.

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling Fin Pan Monday thru Friday from 8:00 AM to 5:00 PM EST.

Technical and Safety Literature

Please visit our website at www.finpan.com.

10. FILING SYSTEM

Information is available at www.finpan.com.

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