



ClearPath Curbless Shower Pan

DS-CLEARPATH-062018

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1. PRODUCT NAME

Fin Pan ClearPath Curbless 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

ClearPath Curbless Shower Pans offer the ability to build a curbless shower on top of the floor joists. ClearPath comes complete with the ClearPath Drain Plate with integrated drain assembly, TI-ProBoard Composite Structural Underlayment, PE waterproofing membrane, L-angle and fasteners. *Drain Grate sold separately.

Recommended Tools: Circular or reciprocating saw, wet saw, impact driver or cordless drill, float, 3/16" V-notched trowel, Hammer, Screed, Hack Saw Utility Knife or Shears.

Materials: 4-1 Sand/Mortar Mix, Modified Thin-set, PVC or ABS cleaner and solvent for waste line connection, 2x4 Joist Hanger or Lumber for blocking.

Advantages

- Eliminates structural modifications to floor joists or TGI's.
- ADA or accessibility compliant designs.
- Factory installed drain assembly.
- TI-ProBoard – Commercial Floor Rating
- Easily modified to size on site
- Available Lifetime System Warranty.
- Works in conjunction with Fin Pan ProPanel Lightweight Waterproof Backer Board and ProTEC/Util-A-Crete Concrete Backer Board.

Uses

- Residential, commercial and industrial showers
- Stalled gang showers

Suitable Substrates

- Wood or steel floor joists

- TGI's or engineered joist systems

ClearPath Kit Models

CP4848-PVC or ABS / 48" x 48"

CP6060-PVC or ABS / 60" x 60"

CP 7272-PVC or ABS / 72" x 72"

CP9696-PVC or ABS / 96" x 96"

CP3672-PVC or ABS / 36" x 72"

CP4896-PVC or ABS / 48" x 96"

Drain Grate Options

Cast Square – Antique Bronze, Brushed Nickel, Oil Rubbed Bronze and Stainless Steel

Cast Round – Brushed Brass and Brushed Nickel

Round – Antique Bronze, Brushed Nickel, Polished Brass, Oil Rubbed Bronze and Stainless Steel

ClearLine Linear Drain

ClearLine Linear Drain – 60" Modifiable Length Grates: Stainless Steel Long Slot, Vertical Slot and Small Rectangles

Shelf Life

- ClearPath is guaranteed as long as there is no damage to pan. Store at 32°-110° F (0°-43° C)

Limitations

- Subfloor must meet local building code requirements and Tile Council of North America (TCNA) guidelines.
- Maximum distance from drain is four feet (4') with a one and one quarter inch (1 ¼") subfloor assembly. Larger pans may require additional subfloor height.

Cautions

Consult MSDS for safety information.

- A NIOSH approved or equivalent dust mask is recommended when cutting TI-ProBoard.

4. TECHNICAL DATA

Waterproofing membrane meets ANSI A118.10

5. INSTALLATION

- Determine area for shower pan installation.

- Cut and remove subfloor in shower area. Reveal of subfloor from sill plate may not exceed ¾" (.75").
- Confirm location of the drain and move if necessary.
- Block around the drain with two (2) pieces of 2 x 4 lumber.

-Top of blocking is to be set ¼" below the top of the joist.

-Blocking needs to be 12 3/16" (12.1875") o/c.

- Fasten ClearPath drain plate to the 2 x 4 blocking using four (4) 1 5/8" black screws.
- Match 2" I.D. schedule 40 pipe type (PVC or ABS) of the drain plate to drain stub.
- 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 installed).
- The ends of TI-ProBoard must be fully supported by at least one half of a joist. If not, additional blocking must be installed.
- L-angle pieces are used as a precaution and should be installed around the perimeter of the shower to catch and support small amounts of mortar during mortar application.

-If no voids exist after TI-ProBoard installation, L-angle may not be needed.

• TI-ProBoard must be installed perpendicular to the joist.

- Start with pieces that butt into the drain plate.
- Measure, cut and dry-fit TI-ProBoard to the shower floor opening.
- **TI-ProBoard must land on at least three (3) joists or end blocking.**
- Screw down TI-ProBoard starting with boards on the drain plate.
- Use two (2) of the gold screws to fasten TI-ProBoard to drain plate on each butt edge.
- Using the black screws, work from center out to each edge.
- Place one (1) screw on each of the marked channels on each joist.
- Install ½" (.5") ProPanel Lightweight Waterproof or ProTEC/Util-A-Crete Concrete Backer Board around the perimeter of pan and on top of floor joists to establish level of existing floor area.
- Prepare 4-1 Sand/Mortar Mix with water. Sand/cement should comply with ANSI 108.1B.
- Mixture should be workable to allow it to pack into the dovetail ribs of TI-ProBoard.
- Completely fill the dovetails which will strengthen the floor.

- Using a screed, establish a slope for the mortar between the edge of the surrounding floor and perimeter of the drain plate.
- Keep membrane on drain plate free of mortar.
- Allow mortar to set.
- Clean shower area free of any loose dust and mortar.
- Apply modified thin-set to the substrate by using a 3/16" V-notched trowel.
- Fit the PE membrane to the shower area allowing a minimum of 6" up the wall and extending at least 2" outside of the shower area.
- Press the PE membrane into the thinset by using the flat side of the trowel ensuring 100% contact with the substrate.
- Make certain to press out any air pockets and install with folded or tucked corners.
 - Run trowel over fabric in a diagonal direction.
- The edges of adjoining PE membrane sections have to overlap by at least two inches (2").
- Cut out hole for the drain.
- Concrete backer board must be installed with a waterproof membrane either behind the board or applied to the surface. ProPanel is waterproof so this step is not necessary.
- Leave a ¼" gap between the top of the shower floor and the bottom of concrete backer board or ProPanel.
- Install backer board per TCNA guidelines ensuring that the membrane on the backer board wall overlaps the PE membrane.

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

ClearPath 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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