



Type TPS & TPD  
300 PSF ALUMINUM FLOOR ACCESS DOORS  
with trough type drainable frame

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VENDOR DATA

U.S.F. FABRICATION, INC.

3200 W. 84 ST.

HIALEAH, FL 33018

PH:305.556.1661

TOLL FREE: 800.258.6873

FAX: 305.882.1577

EMAIL: SERVICE@USFFAB.COM

WEBSITE: WWW.USFFAB.COM

CONTACT: LEAH STENBERG

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MATERIAL DATA SHEET

1. Door leaf shall be ¼-in. thick mill finish aluminum diamond pattern plate, reinforced with aluminum flat bars or channels to achieve a 300 lb. per square foot load rating.
2. Frame members shall be minimum ¼-in. thick 6063-T5 mill finish aluminum extrusion.
3. The following items shall be Type 316 Stainless Steel: hinges, hold-open arm and all attaching hardware.
4. Units shall carry a Ten (10) year Guarantee against defects in material and/or workmanship.

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STANDARD FEATURES:

316 stainless steel hold-open arms with secondary latch mechanism/release handle

316 stainless steel hinges and tamper resistant attaching hardware

Cast aluminum lift handle

Staple for padlock

EDPM odor reduction gasket

1 ½" threaded drain coupling

Single or double leaf construction

300 lbs. per sq. ft. load rating

10 Year warranty against defects in material and workmanship

Adhesive backed vinyl covering to protect the cover during shipping and installation.

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SPECIFICATION

The floor access door shall be Model TPS (single leaf) or TPD ( double leaf) as manufactured by U.S.F. Fabrication, Inc. with the size being specified on the plans.

Door leaf shall be 1/4-inch thick aluminum diamond plate reinforced to a 300 PSF live load.

The frame shall be extruded aluminum trough section with an integral anchor flange and door seat on all four sides. The frame shall include an EPDM odor reduction gasket that reduces the amount of odor that escapes from below the door and a 1 1/2" threaded drain coupling.

The floor access door shall be equipped with a flush lifting handle that does not protrude above the cover, and a 316 stainless steel hold open arm with a secondary latching mechanism/release handle that secures the cover in its full upright, open position.

The door shall have 316 stainless steel hinges with 316 stainless steel tamper resistant bolts/locknuts. A staple for a padlock shall be supplied.

An adhesive backed vinyl material that protects the product during shipping and installation shall cover the entire top of the frame and cover.

Installation shall be in accordance with the manufacturer's attached instructions. The door shall be manufactured and assembled in the United States.

Manufacturer shall guarantee the door against defects in materials and workmanship for a period of ten (10) years.

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STORAGE, HANDLING, INSTALLATION and MAINTENANCE

STORAGE:

Prior to installation floor access doors should be stored in a dry area that is free of dirt and debris. Floor access doors should be stored on the original shipping pallets.

HANDLING:

Standard practice precautions should be taken whenever handling or moving palletized floor access doors by forklift.

INSTALLATION:

For proper installation, U.S.F. Fabrication, Inc. recommends the following:

1. Formwork must be flush to the inside of frame.
2. Secure unit to formwork using standard construction practices.
3. When pouring concrete, cover should be in the closed position.
4. Concrete to finish flush with top of unit framework.
5. Unit shall be left in framework for not less than 24 hours.
6. Clean all excess concrete from frame, cover seat; and in the case of a trough type frame, the drainage coupling.

## MAINTENANCE:

Since all components of the floor access doors manufactured by U.S.F. Fabrication, Inc. are manufactured of aluminum or stainless steel, they require minimal maintenance. For optimum product life the manufacturer recommends the following procedures be performed annually:

1. Apply graphite to the interior of all locking devices.
2. Apply a light coating of machine oil to all hinges and hardware.
3. Remove all debris from the cover seat and around hinges.
4. Check and tighten any loose hardware.
5. In the case of a trough frame model, remove loose debris from the trough.

## LIMITED WARRANTY

U.S.F. Fabrication, Inc., a Florida Corporation ("Company") warrants to the original customer the aluminum floor access door will be free from defects in material or workmanship for a period of (10) ten years. In the event of malfunction or other indication of failure attributable directly to defective material or faulty workmanship, Company will, upon receipt of a written notification from customer of such defective material or faulty workmanship, at its option and expense, repair or replace the defective floor access door, or a component thereof, to whatever extent Company shall deem necessary to restore the frame and cover, or a component thereof, to proper operating condition. Company may replace the defective frame and cover, or a component thereof, with either a new or remanufactured, functionally equivalent frame and cover or component thereof at the Company's option. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER OR NOT STATUTORY, OR EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE EXCLUSIVE REMEDY FOR DEFECTIVE FLOOR ACCESS DOOR SHALL BE ONLY IN CONTRACT, WHETHER OR NOT CAUSED BY A DEFECTIVE FLOOR ACCESS DOOR, OR NEGLIGENCE. COMPANY'S LIABILITY FOR LOSS OR DAMAGES SHALL NOT EXCEED THE PRICE PAID BY CUSTOMER FOR THE FLOOR ACCESS DOOR, REGARDLESS OF THE FORM OF ANY CLAIM. IN NO EVENT SHALL COMPANY BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, CONSEQUENTIAL, OR PUNITIVE DAMAGES WHATSOEVER RESULTING FROM ANY EFFECTIVE FLOOR ACCESS DOOR OR COMPONENT THEREOF. IF MODIFICATION OR ALTERATION IS MADE TO THE FLOOR ACCESS DOOR OR COMPONENT THEREOF BY OTHER THAN COMPANY AUTHORIZED PERSONS, OR IF IT IS INSTALLED IMPROPERLY, OR MISUSED, ABUSED AND/OR NEGLECTED, THIS LIMITED WARRANTY IS NULL AND VOID AND OF NO EFFECT. THIS LIMITED WARRANTY DOES NOT APPLY AND THE COMPANY WILL HAVE NO RESPONSIBILITY HEREUNDER FOR NORMAL WEAR AND TEAR.

**USF FABRICATION - 3200 W. 84 ST. - HIALEAH, FL 33018**

**PH: 305.364.8200 TOLL FREE: 800.258.6873 FAX: 305.882.1577**

**EMAIL: SERVICE@USFFAB.COM**