



Type FPS

625 PSF ALUMINUM FLOOR ACCESS DOORS

TABLE OF CONTENTS

Vendor Data

Material Data Sheet

Specification

Component Parts List

Storage, Handling, Installation & Maintenance Instructions

Limited Warranty

VENDOR DATA

USF FABRICATION

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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 625 PSF load rating.
2. Frame members shall be minimum 1/4-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

Aluminum lift handle

Neoprene gasket

Single leaf construction

625 PSF live load rating

10 Year warranty against defects in material and workmanship

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SPECIFICATION

The flood tight floor access door shall be Model FPS as manufactured by U.S.F. Fabrication, Inc. with the size being specified on the plans.

Door leaf shall 1/4-inch thick aluminum diamond plate reinforced for a 625 PSF live load (capable of holding up to 10 ft. head of water). The frame shall be 1/4-inch thick aluminum angle with a horizontal leg to allow for bolting to the top slab. The hatch shall be fitted with 316 stainless steel pressure locks to seal the cover securely on a U-shaped neoprene gasket attached to the frame to eliminate water intrusion.

The floor access door shall be equipped with a 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.

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. Area around the opening over which the door will be installed, must be level and free of debris and dirt.
2. Door should be placed in a bed of construction adhesive that is suitable for the application and attach to the existing concrete with minimum ½" diameter stainless steel expansion anchors or hex head bolts of sufficient length to properly secure the door.
3. Remove excess construction adhesive from the area surrounding the frame.
4. Close the cover, engage all latches and secure with a padlock.

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.

QP1090-1 LIMITED WARRANTY

USF Fabrication Inc. warrants the following products against defects in material or workmanship from the time of delivery:

- **Steel Hatches and Access Doors- 5 years**
- **Aluminum Hatches and Access Doors- 10 years**
- **Miscellaneous Fabrication- 1 year**

USF Fabrication Inc. will pay labor and standard freight costs for warranty service for the product warranty period from the time of delivery.

USF Fabrication Inc. sole obligation under said warranty is to repair, or at its option, replace the defective part. The buyer shall have no other remedy. All special, incidental and consequential damages are excluded.

The warranty shall be voided by alterations of equipment except by USF Fabrication Inc., or tampering with, improper installation or maintenance, accident or misuse. This warranty expressly excludes all damage to these products resulting from careless or neglectful transportation.

USF Fabrication Inc. will not be responsible for any warranty work done without first obtaining USF Fabrication's written consent.

Except as provided herein, USF Fabrication Inc. shall have no LIABILITY OR RESPONSIBILITY to customer or any other person or entity with respect of liability, loss or damage, or alleged to be caused directly or indirectly by our products.

For Warranty service, customers must contact USF Fabrication Inc. - Customer Service Department Toll free at 1-800-258-6873.

This warranty gives you - the Consumer specific legal rights, and you may also have other rights which vary from state to state.

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