

FLOODTIGHT, PEDESTRIAN LOADING, SINGLE DOOR

ALUMINUM

The floodtight floor access door is designed for interior and exterior applications where water may rise above the surface opening.

SPECIFICATIONS: The floodtight 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 be 1/4-inch thick aluminum diamond plate reinforced for a 625 p.s.f. live load (capable of holding up to 10 ft. head of water). The frame shall be 3/8-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 hold the cover securely on a U-shaped neoprene gasket riveted to the frame to minimize water intrusion. The floor access door shall be equipped with a lifting handle, and a 316 stainless steel hold open arm with red vinyl grip that automatically keeps the cover in its upright, open position. Hinges shall be fabricated with aluminum lugs and 316 stainless steel pins. A staple for a padlock shall be supplied for security. Installation shall be in accordance with the manufacturer's attached instructions with others being responsible for providing an effective seal between the frame and the concrete. 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 years.

OPTIONAL FEATURES

- Stainless steel horizontal springs or gas shocks for easy opening
- Bituminous coating on frame surface in contact with concrete
- Fiberglass insulation with metal liner
- Custom lettering
- Nut rails with stainless steel sliding nuts for attaching cable holders, brackets & other hardware
- Anodized finish
- Stainless steel safety chains with aluminum support posts
- Fall Through Protection Systems

625 P.S.F. LOADING****

MODEL	COVER THK	FRAME OPENING***		CLEAR OPENING**		OVERALL SIZE		WEIGHT*
	in. (mm)	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	F in. (mm)	Lbs. (KG)
FPS	1/4 (6)	24 (610)	24 (610)	24 (610)	23 (584)	30 (762)	30 (762)	65 (29)
FPS	1/4 (6)	30 (762)	30 (762)	29 (737)	29 (737)	36 (914)	36 (914)	85 (39)
FPS	1/4 (6)	30 (762)	48 (1219)	28 (711)	47 (1194)	36 (914)	54 (1372)	110 (50)
FPS	1/4 (6)	36 (914)	36 (914)	35 (889)	35 (889)	42 (1067)	42 (1067)	105 (48)
FPS	1/4 (6)	36 (914)	48 (1219)	33 (838)	47 (1194)	42 (1067)	54 (1372)	120 (54)

* Weight shown is of our standard hatch only, and does not include any optional features. **Also referred to as "Actual Opening" which can vary to suit application. ***Also referred to as "Concrete Opening" when door is cast into concrete. ****Pedestrian loading and capable of holding 10 ft. head of water.

CUSTOM SIZES READILY AVAILABLE