

# RECESSED TROUGH FRAME, PEDESTRIAN LOADING, SINGLE DOOR

## ALUMINUM

The recessed trough frame floor access door with drainable frame is designed for interior and exterior applications where dirt and water are to be prevented from falling into the area below. The cover has a 1-inch recess to receive tile or concrete.

**SPECIFICATIONS:** The recessed floor access door shall be Model R-TPS 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 smooth plate reinforced for a 300 p.s.f. live load; and, have a 1-inch recess to receive tile or concrete. If recess is to be filled with concrete or other cast material, the door is furnished with anchor clips and wire mesh. Both the cover and frame shall have a metal lip around the entire perimeter defining the recess. The trough frame shall be fabricated from 1/4-inch aluminum and shall have an anchor flange on all four sides. The frame shall drain water out through a 1 1/2-inch pipe coupling. The floor access door shall be equipped with a flush aluminum lifting handle that does not protrude above the cover, and a 316 stainless steel hold open arm with red vinyl grip that automatically keeps the cover in its upright, open position. The door shall have a 316 stainless steel continuous hinge that is flush with the top of the cover. The door shall have stainless steel vertical compression springs to assist in opening the door and reducing the force during closing. The door shall be equipped with a watertight 316 stainless steel slamlock with threaded plug, removable outside key, and fixed inside handle. The slamlock latches onto a 316 stainless steel striker plate that is bolted to the frame. All parts of the frame in contact with concrete shall have a coating of bituminous paint. 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 years.

### OPTIONAL FEATURES

- Recessed cylinder lock
- Frame skirts for easy casting into a concrete top slab
- Nut rails with stainless steel sliding nuts for attaching cable holders, brackets & other hardware
- Fiberglass insulation with metal liner
- Anodized finish
- Stainless steel safety chains with aluminum support posts
- Fall Through Protection Systems
- Side drain coupling (instead of standard bottom drain)
- Double door cover
- Adjust springs for wood or tile fill in recess area.

### 300 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)
R-TPS	1/4 (6)	24 (610)	24 (610)	23 (584)	24 (610)	32 (813)	32 (813)	80 (36)
R-TPS	1/4 (6)	24 (610)	30 (762)	23 (584)	30 (762)	32 (813)	38 (965)	90 (41)
R-TPS	1/4 (6)	24 (610)	36 (914)	23 (584)	36 (914)	32 (813)	44 (1118)	100 (45)
R-TPS	1/4 (6)	30 (762)	30 (762)	28 (711)	30 (762)	38 (965)	38 (965)	105 (48)
R-TPS	1/4 (6)	30 (762)	36 (914)	28 (711)	36 (914)	38 (965)	44 (1118)	115 (52)
R-TPS	1/4 (6)	30 (762)	48 (1219)	28 (711)	48 (1219)	38 (965)	56 (1422)	140 (64)
R-TPS	1/4 (6)	36 (914)	36 (914)	34 (864)	36 (914)	44 (1118)	44 (1118)	135 (61)

\* 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.

**CUSTOM SIZES READILY AVAILABLE**