



LISTING INFORMATION OF

**PS Industries Incorporated 90 Minute Fire Rated Flood/Fire  
Door and Frame Assembly, Model PD522FFR &  
HYDRO1-PD522**

SPEC ID: 37148

PS Industries Incorporated  
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United States

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## LISTING INFORMATION

90 Minute Fire Rated Flood/Fire Door and Frame Assembly, Model PD522FFR and HYDRO1-PD522.

### PRODUCT DESCRIPTION

16 gauge steel faced, stiffened doors and steel frame (minimum 14 gauge steel) assembly for installation in masonry applications and in steel building framing. Hinge and lock jambs of frames must be fully grouted (head of frame is not required to be grouted).

Maximum Size of Openings	
Single Swing	4'-0" wide by 8'-0" high
Standard Pair	8'-0" wide by 8'-0" high (individual door leaf shall not exceed single swing limitation). Removable or fixed mullion required.
Double Egress	Not Allowed

Door Thickness: 2-1/8"

#### Limitations:

Mortise or Cylindrical Latches with up to 2-3/4" Backset and minimum 3/4" throw, Surface Vertical Rod (top and bottom latching), Surface Mounted Rim Fire Exit Hardware, Surface Mounted Multi-point Latching, Viewers, Surface Mounted Closers, Surface Bolts, Surface Mounted Protection Plates, Viewer, Louver (Maximum – 24" x 24"), Surface Mounted Door Bottoms, Vision Light Kit with Ceramic Glazing - Maximum 121 in<sup>2</sup>. clear view for 90 minutes (or maximum listed by manufacturer of glass and vision kit), Mullion for Standard Pairs is required, Fire pins (fire pins are projected and are engaged into the door frame when the door leaf is closed) required.

#### Single Swing and Standard Pair Latching Options:

Mortise or Cylindrical Latches with up to 2-3/4" Backset and minimum 3/4" throw.  
 Surface Vertical Rod (top and bottom latching)  
 Surface Mounted Rim Fire Exit Hardware (at standard height)  
 Surface Mounted Multi-point latching (such as Securitech 83MLD(F) three-point latch)

#### Auxiliary Locking (Must be used in a combination with approved latching methods):

Deadlock (Cylindrical with a maximum 2-1/8" diameter bore and maximum backset of 5")

Johnson Security Lock has been successfully fire tested and can be used at the discretion of the AHJ.

Both singles and pairs require four 3/8" x 5/8" pins welded to the hinge edge of the door (fire pins are projected and are engaged into the door frame when the door leaf is closed).

### EVALUATED TO THE FOLLOWING

This category includes doors and frames that are labeled as an assembly.

All doors in this category are identified by a label or marking bearing the wording, "Listed Fire Door", a time interval, a temperature rise rating, a serial number, and the Warnock Hersey Certification Mark and "UL 10C".

**This listing pertains to fire resistance only.**

<b>Attribute</b>	<b>Value</b>
Criteria	CAN / ULC S104 (2015) (R2020)
Criteria	UL 10(c) (2016) Ed. 3 (R:27 May 2021)
Criteria	NFPA 252 (2022)
CSI Code	08 11 00 Metal Doors and Frames
Fire Resistance	60 Min PP Category D Door/Frame Assemblies
Fire Resistance	90 Min PP Category D Door/Frame Assemblies
Fire Resistance	45 Min PP Category D Door/Frame Assemblies
Frame Options	Steel
Intertek Services	Certification
Listed or Inspected	LISTED
Listing Section	CATEGORY D - DOOR/FRAME ASSEMBLIES
Spec ID	37148
Swing	Single Swing
Swing	Standard Pairs