



LISTING INFORMATION OF
**PS Industries Incorporated - HYDRO1-PD520 and
HYDRO1-PD522 Windstorm-resistant Door and Frame
Assembly**
SPEC ID: 63977

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LISTING INFORMATION

The PS Industries Incorporated HYDRO1-PD520 and HYDRO1-PD522 Pedestrian Flood Doors are single-swing, windstorm-resistant, pedestrian egress doors. The HYDRO1-PD522 includes passive fire pins at the hinge location for fire resistance. Fire resistance is outside the scope of this listing, see Intertek Listing 37148 for fire ratings and limitations.

ASSEMBLY DETAILS

Maximum Size - 4'0" wide by 8'0" high
 Door - 16-gauge steel faced, horizontally stiffened
 Hinge - Select Hinges SL21 continuous aluminum geared hinge
 Latching Hardware - Von Duprin 98F Rim Exit
 Perimeter Seal - Proprietary PS Industries Perimeter Gasket
 Frame - Minimum 14-gauge steel, fully grouted jambs
 Anchoring - Minimum 3/8" anchors, 10 per jamb

WINDSTORM RATINGS

Test Standards	Test	Rating
TAS 201 / ASTM E1886 / ASTM E1996	Impact Resistance	9 lb @ 50 ft/s
TAS 202 / ASTM E330	Static Pressure Resistance	+75 / -65 psf
TAS 203 / ASTM E1886 / ASTM E1996	Cyclic Pressure Resistance	+65 / -65 psf

AIR INFILTRATION RATINGS

Test Standards	Test Pressure	Infiltration Rate
TAS 202 / ASTM E283	1.57 psf	< 0.05 L/s-m ²
TAS 202 / ASTM E283	6.27 psf	< 0.05 L/s-m ²

WATER PENETRATION RATING

Test Standards	Test Pressure	Results
TAS 202 / ASTM E331	15 psf	No Leakage

FORCED ENTRY RESISTANCE RATING

Test Standards	Results
TAS 202 / AAMA 1304	Pass, No Entry

Attribute	Value
Criteria	ASTM E331 (2009)
Criteria	TAS 201 (1994)
Criteria	TAS 202 (1994)
Criteria	TAS 203 (1994)
Criteria	ASTM E330 (2014)
Criteria	ASTM E283 (2004) R2012

Criteria	ASTM E1996 (2017)
Criteria	ASTM E1996 (2020)
Criteria	ASTM E1886 (2019)
Criteria	ASTM E1886 (2013a)
CSI Code	08 11 00 Metal Doors and Frames
Intertek Services	Certification
Listed or Inspected	LISTED
Listing Section	WINDSTORM - EXTERIOR DOORS
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