



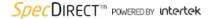
# LISTING INFORMATION OF

# PS Industries Incorporated - HYDRO1-PD520 and HYDRO1-PD522 Windstorm-resistant Door and Frame Assembly

SPEC ID: 63977

PS Industries Incorporated 1150 S 48th St Grand Forks, ND 58201 United States

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.



# 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 <sup>2</sup>
TAS 202 / ASTM E283	6.27 psf	< 0.05 L/s-m <sup>2</sup>

# 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

Spec ID 63977