

## Product Evaluation

DR1259 | 0523

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at 800-248-6032.

**Evaluation ID:** DR-1259

**Effective Date:** May 1, 2023

**Re-evaluation Date:** May 2027

**Product Name:** SWR-S18-4 Severe Windstorm Rated Hinged Steel Doors, Impact Resistant

**Manufacturer:** Premier Steel Doors & Frames  
2840 Sterlington Road  
Monroe, LA 71203  
(800) 962-6517

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	SWR-S18-4 Severe Windstorm Rated Doors	52 x 86 Missile Level D	+50 / -50 psf
2	SWR-S18-4 Severe Windstorm Rated Doors	52 x 98 Missile Level D	+65 / -65 psf

### Product Dimensions:

System	Overall Size	Operable Panel Size
1	52" x 86"	47-3/4" x 83-1/8"
2	52" x 98"	47-3/4" x 95-1/8"

**Components and Hardware:**

System	Hardware Options	Components	Attachment Method
1	1	One (1) Sargent 10G05 cylindrical lock and three (3) 4-1/2" x 4-1/2" std. hinges.	Install hardware in accordance with drawing No. PRM001, dated October 21, 2022. Signed and sealed by Hermes F. Norero, P.E. on December 4, 2022.
	2	One (1) Falcon MA Series 571 Mortise lock w/deadbolt and three (3) 4-1/2" x 4-1/2" std. hinges.	
	3	One (1) Falcon 25-R Series Rim exit device w/Schlage B-600 Series deadbolt and three (3) 4-1/2" x 4-1/2" std. hinges.	
2	1	One (1) Hager 2500 Series latch w/ Hager 3100 Series deadbolt and four (4) 4-1/2" x 4-1/2" std. hinges.	
	2	One (1) Hager 3800 Series Mortise lock and one (1) Hager 95" CLR Roton continuous hinge.	

**Product Identification (Certification Label on Door):**

System		
1-2	Certification agency	Self-labeled by manufacturer
	Manufacturer's name or code name	Premier Steel Doors & Frames
	Product name	SWR-S18-4 Severe Windstorm Rated Doors
	Test standards	ASTM E1886-13a/E1996-14a/E330-14 TAS 201/202/230-94 Large & Small Missile Impact

**Impact Resistance:**

System	Impact Resistant	Requirement
1-2	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

**Installation:**

System		
1-2	Type of installation	Install hardware in accordance with drawing No. PRM001, dated October 21, 2022. Signed and sealed by Hermes F. Norero, P.E. on December 4, 2022.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.