

Product Evaluation

DR1177 | 0721

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-1177

Effective Date: July 1, 2021

Re-evaluation Date: July 2025

Product Name: Modern Fiberglass Aluminum Clad Fixed Door Sidelites, Inswing and Outswing, Non-Impact Resistant

Manufacturer: Marvin
P.O. Box 100
Highway 11 West
Warroad, MN 56763
(800) 346-5044

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Modern Fixed Sidelites, Inswing, Low Profile Sill; O	CW-PG30 (99.25 x 148)	+30 / -30 psf
2	Modern Fixed Sidelites, Inswing, Low Profile Sill; O	CW-PG30 (147.25 x 100)	+30 / -30 psf
3	Modern Fixed Sidelites, Inswing, Performance Sill; O	CW-PG40 (99.25 x 148)	+40 / -40 psf
4	Modern Fixed Sidelites, Inswing, Performance Sill; O	CW-PG40 (147.25 x 100)	+40 / -40 psf

General Description:

System	Description	Label Rating	Design Pressure Rating
5	Modern Fixed Sidelites, Outswing, Low Profile Sill; O	CW-PG30 (99.25 x 148)	+30 / -30 psf
6	Modern Fixed Sidelites, Outswing, Low Profile Sill; O	CW-PG30 (147.25 x 100)	+30 / -30 psf
7	Modern Fixed Sidelites, Outswing, Performance Sill; O	CW-PG40 (99.25 x 148)	+40 / -40 psf
8	Modern Fixed Sidelites, Outswing, Performance Sill; O	CW-PG40 (147.25 x 100)	+40 / -40 psf

Product Dimensions:

System	Overall Size	Fixed Panel Daylight Opening Size
1, 3, 5, 7	99-1/4" x 148"	90-1/2" x 138-1/2"
2, 4, 6, 8	147-1/4" x 100"	138-1/2" x 90-1/2"

Product Identification (Certification Label on Door):

System		
1-2	Certification agency	WDMA
	Manufacturer's name or code name	Marvin
	Product name	MDRN INS DR SL LPS
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11, 17
3-4	Certification agency	WDMA
	Manufacturer's name or code name	Marvin
	Product name	MDRN INS DR SL PS
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11, 17
5-6	Certification agency	WDMA
	Manufacturer's name or code name	Marvin
	Product name	MDRN OSW DR SL LPS
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11, 17
7-8	Certification agency	WDMA
	Manufacturer's name or code name	Marvin
	Product name	MDRN OSW DR SL PS
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11, 17

Impact Resistance:

System	Impact Resistant	Requirement
1-8	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing members with minimum No. 10 x 3" screws. Along the head and side jambs, locate the screws approximately 6" and 9" from each corner and 20" on center. Also, along the head and side jambs, secure stainless steel stationary brackets (0.075" x 1-1/4" x 1-7/16") with No. 10 x 3" screws. One (1) screw through each bracket, located 6" from each corner of the panel and spaced 20" on center on the stiles and the top rail. Along the sill, use No. 8 screws spaced 12" on center. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Note: Keep the manufacturer's installation instructions available on the job site during installation.