

Product Evaluation

DR1267 | 1223

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-1267

Effective Date: December 1, 2023

Re-evaluation Date: December 2027

Product Name: Fiberglass Aluminum Clad Modern Multi-Slide Doors, Non-Impact Resistant

Manufacturer: Marvin
P.O. Box 100
Highway 11 West
Warroad, MN 56763
218-386-4021

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Modern Multi-Slide Door Pocket HP Tested Size: 143.7 X 121.8; XXP	LC-PG45-SD	+50 / -45 psf
2	Modern Multi-Slide Door Stacked HP Tested Size: 237.8 X 121.8; OX-XO	LC-PG40-SD	+40 / -45 psf
3	Modern Multi-Slide Door Pocket Tested Size: 143.7 X 120; XXP	LC-PG40-SD	+40 / -40 psf
4	Modern Multi-Slide Door Stacked HP Tested Size: 143.7 X 121.8; OX	LC-PG45-SD	+45 / -45 psf

General Description (continued):

System	Description	Label Rating	Design Pressure Rating
5	Modern Multi-Slide Door Stacked Tested Size: 285.8 x 120; OX-XO	LC-PG35-SD	+35 / -35 psf
6	Modern Multi-Slide Door Stacked HP Tested Size: 285.8 x 121.8; OX-XO	LC-PG35-SD	+35 / -35 psf

Product Dimensions:

System	Overall Size	Primary Leaf Size	Pocket/Fixed Leaf Size
1	219-7/16" x 121-3/4"	72-3/8" x 118-1/8"	72-3/8" x 118-1/8" (P)
2	237-3/4" x 121-3/4"	60-3/8" x 118-1/8"	60-3/8" x 118-1/8" (F)
3	219-7/16" x 120"	72-3/8" x 118-1/8"	72-3/8" x 118-1/8" (P)
4	143-11/16" x 121-3/4"	72-3/8" x 118-1/8"	72-3/8" x 118-1/8" (F)
5	285-3/4" x 120"	72-3/8" x 118-1/8"	72-3/8" x 118-1/8" (F)
6	285-3/4" x 121-3/4"	72-3/8" x 118-1/8"	72-3/8" x 118-1/8" (F)

Hardware:

- **Two-Point Locking System:** one (1) required; located at the active panel stile, latch points, 34" and 55" from bottom of panel.
- **Strike Plate:** one (1) required; located at the frame lock jamb or passive panel stile, latch points, 34" and 55" from bottom of sill.
- **Adjustable Rollers:** two (2) required for System 4; four (4) required for other Systems; located 2" from the end of each operable panel bottom rail.
- **Trim Set Active Panel:** one (1) required; located at 38" from bottom of panel.
- **Trim Set Inactive Panel:** one (1) required for Systems 2, 5, and 6; located at 38" from bottom of panel.
- **Lock Status Sensor Transmitter Housing:** one (1) required; located below the two-point locking system on active panel.
- **Panel Edge Pull:** one (1) required for Systems 1 and 3; located above the two-point lock on active panel.
- **Flush Bolt:** one (1) required for Systems 2, 5, and 6; located above strike plate on inactive panel.

Product Identification (Certification Label on Door):

System		
1	Certification Agency	WDMA
	Manufacturer's name or code name	Marvin
	Product name	Modern Multi-Slide Door Pocket HP 143 X 121 XXP
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11, 17

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

System		
2	Certification Agency	WDMA
	Manufacturer's name or code name	Marvin
	Product name	Modern Multi-Slide Door Stacked HP 237 X 121 OX-XO
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11, 17
3	Certification Agency	WDMA
	Manufacturer's name or code name	Marvin
	Product name	Modern Multi-Slide Door Pocket 143 X 120 XXP
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11, 17
4	Certification Agency	WDMA
	Manufacturer's name or code name	Marvin
	Product name	Modern Multi-Slide Door Stacked HP 143 X 121 OX
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11, 17
5	Certification Agency	WDMA
	Manufacturer's name or code name	Marvin
	Product name	Modern Multi-Slide Door Stacked 285 x 120 OX-XO
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11, 17
6	Certification Agency	WDMA
	Manufacturer's name or code name	Marvin
	Product name	Modern Multi-Slide Door Stacked HP 285 x 121 OX-XO
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11, 17

Impact Resistance:

System	Impact Resistant	Requirement
1-6	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations specified in this report.

Installation:

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured to side jambs and head jamb with #10 x 3" screws, two rows through each jamb 6" from each corner and spaced 20" on center. To sill, use #8 x 1-3/4" screws, two rows

through sill and spaced 10" on center for Systems 1, 2, 4, and 6; use #8 x 1-1/4" screws spaced 20" on center for Systems 3 and 5.

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.