

Product Evaluation

DR1229 | 0322

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-1229

Effective Date: March 1, 2022

Re-evaluation Date: March 2026

Product Name: Ultimate Prime Wood Sliding Patio 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	Ultimate Prime Wood Sliding Patio Door; OX	LC-PG40 (96.63 x 82)	+40 / -40 psf
2	Ultimate Prime Wood Sliding Patio Door; XOO	LC-PG30 (146.75 x 95.5)	+30 / -30 psf
3	Ultimate Prime Wood Sliding Patio Door; OXXO	LC-PG25 (143 x 95.5)	+25 / -25 psf
4	Ultimate Prime Wood Sliding Patio Door; OXXO	LC-PG25 (191 x 82)	+25 / -25 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	96-5/8" x 82"	48-7/16" x 79"	42-7/16" x 73"
2	146-3/4" x 95-1/2"	48-7/16" x 92-1/2"	42-7/16" x 86-1/2"
3	143" x 95-1/2"	36-7/16" x 92-1/2"	30-7/16" x 86-1/2"
4	191" x 82"	48-7/16" x 79"	42-7/16" x 73"

Product Identification (Certification Label on Door):

System		
1-2	Certification agency	WDMA
	Manufacturer's name or code name	Marvin
	Product name	UL WD SLD PTIO DR
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
3-4	Certification agency	WDMA
	Manufacturer's name or code name	Marvin
	Product name	UL WD SLD PTIO DR OXXO
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08, 11

Impact Resistance:

System	Impact Resistant	Requirement
1-4	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

Option 1: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing with No. 8 x 3" screws. Locate the screws approximately 6" from each corner and 12" on center along the head and side jambs. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Option 2: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing with galvanized steel structural brackets (1-9/16" x 6-1/2" x 0.05"). Secure the brackets to the door frame with two (2) No. 8 x 5/8" screws and to the wall framing with four (4) No. 8 screws. Locate the brackets approximately 6" from each corner and 15" 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. Use corrosion resistant fasteners as specified in the IRC and the IBC.