

Product Evaluation

DR1115 | 1020

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-1115

Effective Date: October 1, 2020

Re-evaluation Date: October 2024

Product Name: Ultimate Clad Wood and Prime Wood Inswing French Door Sidelites, Impact Resistant

Manufacturer: Marvin
 Hwy 11 West
 Warroad, MN 56763
 (800) 346-5044

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Ultimate Clad Wood Inswing French Door Sidelites	LC-PG55 (37.44 x 95.5) Missile Level D	+55 / -65 psf
2	Ultimate Prime Wood Inswing French Door Sidelites	LC-PG55 (37.43x 95.5) Missile Level D	+55 / -65 psf

Product Dimensions:

System	Overall size	Fixed Panel Daylight Opening Size
1-2	37-7/16" x 95-1/2"	29-1/16" x 79-5/8"

Product Identification (Certification Label on Door):

System		
1-2	Certification agency	WDMA
	Manufacturer's name or code name	Marvin
	Product name	UL INSRDR SL IZ3 (System 1) UL WD INSRDR SL IZ3 (System 2)
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11,17 ASTM E1886-13a/E1996-14a Missile Level D

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:

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 spaced 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 using galvanized steel masonry brackets (20-gauge x 6"-8" long x 1-9/16" wide). Brackets were flipped as to not be engaged in the frame and located 6" from each corner and spaced 15" on center along the head and side jambs. Secure the bracket to the door frame with two (2) No. 7 x 5/8" screws and to the wall framing using two (2) No. 8 x 1-1/2" screws on the interior side. 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.