



Product Evaluation

WIN1008 | 0615

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: WIN-1008

Effective Date: June 1, 2015

Re-evaluation Date: June 2019

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

Manufacturer: Marvin Windows and Doors
P.O. Box 100
Highway 11 West
Warroad, MN 56763
(218) 386-4021

General Description:

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

Product Dimensions:

System	Overall Size	Sash Size	Glass Daylight Opening Size
1	37-7/16" x 95-1/2"	35-1/16" x 92-1/2"	29" x 79-5/8"
2	37-7/16" x 95-1/2"	35-1/16" x 92-1/2"	29" x 79-5/8"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin Windows and Doors
	Product Name	Clad Inswing French Door Sidelite
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-05 ASTM E 1886-02,05, ASTM E 1996-02,05 Missile Level D
2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin Windows and Doors
	Product Name	Wood Inswing French Door Sidelite
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-05 ASTM E 1886-02,05, ASTM E 1996-02,05 Missile Level D

Impact Resistance:

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

Installation:

System		
1	Type of Installation	Frame
	Wall Framing	Spruce-Pine-Fir Dimension lumber
	Fasteners	Structural bracket (5.151" L x 1.563" W x 1.477" H) galvanized steel
	Fastener Location/Spacing	Located approximately 6" from each corner and 12" on center along each side jamb and the head jamb. Secured to the sidelite frame with two (2) No. 8 x 5/8" screws and to the wall framing with two (2) No. 8 screws.
	Fastener Penetration	Minimum 1-1/2" into the wall framing
2	Type of Installation	Frame
	Wall Framing	Spruce-Pine-Fir Dimension lumber
	Fasteners	Minimum No. 8 x 3" screws
	Fastener Location/Spacing	Located approximately 6" from each corner and 12" on center along each side jamb and the head jamb.
	Fastener Penetration	Minimum 1-1/2" into the wall framing

Note: Keep the manufacturer's installation instructions at the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.