



Product Evaluation

WIN954 | 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-954

Effective Date: June 1, 2015

Re-evaluation Date: May 2017

Product Name: 2-1/4" Clad and Wood 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	2-1/4" Clad Inswing French Door Sidelites	LC-PG55 37.43 x 119.5	+55 / -65 psf
2	2-1/4" Wood Inswing French Door Sidelites,	LC-PG55 37.43 x 119.5	+55 / -65 psf

Product Dimensions:

System	Overall Size	Panel Size	Panel Glass Daylight Opening Size
1	37-7/16" x 119-1/2"	35-1/16" x 116-1/2"	23-3/32" x 102-3/8"
2	37-7/16" x 119-1/2"	35-1/16" x 116-1/2"	23-3/32" x 102-3/8"

Sill: Fiberglass reinforce plastic with an oak liner to the interior; Ultrex; 4-9/16" height

Product Identification (Certification Label on Door):

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin Windows and Doors
	Product Name	2-1/4" Clad Inswing French Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 AAMA/WDMA/CSA 101/I.S.2/A440-08 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	2-1/4" Wood Inswing French Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 AAMA/WDMA/CSA 101/I.S.2/A440-08 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: Secure the door to minimum Southern Yellow Pine dimension lumber wall framing. At the head and side jambs use minimum No. 8 x 3" screws. Space the fasteners approximately 6" from each corner and 12" on center. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members. Use three beads (3/8") of construction adhesive at the sill.

System 2: Secure the door to minimum Southern Yellow Pine dimension lumber wall framing. At the head and side jambs use clips (0.050" x 1.56" x 6-8" galvanized steel). Each clip is secured to the door frame with two No. 7 x 5/8" screws and to the wall framing with two No. 8 screws. Space the clips approximately 6" from each corner and 15" on center. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members. Use three beads (3/8") of construction adhesive at the sill.

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.