Product Evaluation

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-550

Effective Date: June 1, 2015
Re-evaluation Date: June 2019

Product Name: Integrity Fiberglass Clad Wood Sliding Glass French Doors, Non-impact Resistant

Manufacturer: Integrity from Marvin Windows and Doors
1512 9th Street NE
West Fargo, ND 58078
(888) 537-7828

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Fiberglass Clad Wood Sliding Glass French Doors	LC-PG30 189 x 86	+30 / -30 psf
2	Fiberglass Clad Wood Sliding Glass French Doors	LC-PG30 189 x 95.5	+30 / -30 psf
3	Fiberglass Clad Wood Sliding Glass French Doors	LC-PG40 96 x 82.5	+40 / -40 psf
4	Fiberglass Clad Wood Sliding Glass French Doors	LC-PG30 96 x 95.5	+30 / -30 psf

Product Dimensions:

System	Overall Size	Operable/Fixed Panel Size	Panel Glass Daylight Opening Size
1	189" x 86"	47-5/8" x 83-3/16"	40-3/8" x 73-1/2"
2	189-1/2" x 95-1/2"	47-5/8" x 92-13/16"	40-3/8" x 83-1/16"
3	94-3/4" x 82-1/4"	48" x 79-1/2"	40-3/8" x 69-1/2"
4	95" x 95-1/2"	47-1/4" x 93"	40-1/4" x 83"

Hardware:

- **Shootbolts (Systems 1 and 2)**; Two (2) required; Located on the passive panel locking stile at the top and bottom; Engages sill and head strike plates when thrown.

Product Identification (Certification Label on Door):

System		
1, 2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Integrity from Marvin
	Product Name	Integrity Sliding French Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-11
3, 4	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Integrity from Marvin
	Product Name	Integrity Sliding French Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1, 2, 3, 4	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

Systems 1 and 2: Use minimum Spruce-Pine-Fir dimension lumber for the wood wall-framing members. Secure the door assembly to the wall framing using the nailing flange and the frame. Secure the nailing flange to the wall framing with minimum 12-gauge roofing nails (minimum 2" long smooth shank) spaced approximately 6" from each corner and approximately 8" on center along the perimeter of the door. Use one No. 8 x 3 screw through each stationary bracket, one through the head jamb at each stationary panel to operator panel meeting stile, and one through the head jamb on each side of the heard strike plate. At the stationary jamb, use one (1), No. 8 x 3" screw 24" from the head jamb and 25" from the sill. At the head jamb, use one (1) No. 8 x 2-1/2" screw through each head jamb strike plate hole location. At the sill, use one (1) No. 10 x 2-3/4" concrete screw at each meeting stile location. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall-framing members.

Systems 3 and 4: Use minimum Spruce-Pine-Fir dimension lumber for the wall framing members. The door must be mounted to the wood wall framing members using the door frame and the nailing fin. The frame is secured to the wall framing with minimum No. 8 x 3" screws. Along the head and the sill, a fastener is required at the mid span of each panel. Along each side jamb, the fasteners must be located approximately 24" from the head and the sill. The nailing flange is secured to the wall framing with minimum No. 8 screws. The fasteners are located approximately 6" from each corner and approximately 6" on center. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall framing members.

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.