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-687

Effective Date: June 1, 2014
Revised: January 1, 2015
Re-evaluation Date: July 2017

Product Name: Infinity Fiberglass Sliding Glass Doors, Non-impact Resistant

Manufacturer: Integrity from Marvin Windows and Doors
1512 9th Street NE
West Fargo, ND 58078
(701)364-1139

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Fiberglass Sliding Glass Doors; XO	LC-PG30 95x82	+30 / -30 psf
2	Fiberglass Sliding Glass Doors; XO	LC-PG25 95x95	+25 / -25 psf
3	Fiberglass Sliding Glass Doors; OXO	LC-PG30 106x82	+30 / -30 psf
4	Fiberglass Sliding Glass Doors; XOO	LC-PG30 106x82	+30 / -30 psf
5	Fiberglass Sliding Glass Doors; OXO	LC-PG25 106x95	+25 / -25 psf
6	Fiberglass Sliding Glass Doors; XOO	LC-PG25 106x95	+25 / -25 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	95" x 82"	47-5/8" x 79-1/8"	43" x 79-1/8"
2	95" x 95"	47-5/8" x 92-5/8"	43" x 88-1/32"
3	106-1/2" x 82"	35-5/8" x 79-5/32"	Two (2): 31" x 74-1/2"
4	106-1/2" x 82"	35-5/8" x 79-1/8"	Two (2): 31" x 74-1/2"
5	106-1/2" x 95-1/2"	35-5/8" x 92-5/8"	Two (2): 31" x 88-1/32"
6	106-1/2" x 95-1/2"	35-5/8" x 92-5/8"	Two (2): 31" x 88-1/32"

Product Identification (Certification Label on Door):

System		
1-6	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Integrity from Marvin
	Product Name	Infinity Sliding Patio Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-11

Impact Resistance:

System	Impact Resistant	Requirement
1-6	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

- **Systems 1, 2, 4, and 6:** Use a minimum Spruce-Pine-Fir dimension lumber for the wood wall-framing members. Secure the door assembly to the wall framing using the nailing fin and the frame. Secure the nailing fin 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 perimeter of the door. Place a No. 8 x 3 screw through the stationary bracket and through the panel guide at the head. Use two (2), No. 8 x 3" screws along each side jamb, approximately 24" from each end. Use four screws through the keeper into the wall framing. For concrete foundations, use a minimum 3/16" diameter concrete anchor. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall-framing members.
- **Systems 3 and 5:** Use a minimum Spruce-Pine-Fir dimension lumber for the wood wall-framing members. Secure the door assembly to the wall framing using the nailing fin and the frame. Secure the nailing fin 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 perimeter of the door. Use a No. 8 x 3" screw through the stationary bracket and through the panel guide at the head. Use two (2), No. 8 x 3" screws along each side jamb, approximately 24" from each end. For concrete foundations, use a minimum 3/16" diameter concrete anchor. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall-framing members.

Note: Keep 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.