



Product Evaluation

DR791 | 1016

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-791

Effective Date: October 1, 2016

Re-evaluation Date: June 2020

Product Name: Series 15-15 Vinyl Sliding Glass Doors, Finless-Mount, Non-Impact Resistant

Manufacturer: Simonton Building Products, Inc.
3948 Townsfair Way Suite 200
Columbus, Ohio 43219
(800) 426-2249

Marketed as: Inovo
VantagePoint 6500

General Description: Series 15-15 with Unreinforced Vinyl Frame Option

System	Description	Label Rating	Design Pressure Rating
1	Series 15-15 Vinyl Sliding Glass Doors; Finless Mount; Unreinforced; OX	R-PG35 71 x 81-SD	± 35 psf
2	Series 15-15 Vinyl Sliding Glass Doors; Finless Mount; Unreinforced; OXO	R-PG35 107 x 79-SD	± 35 psf

General Description: Series 15-15 with Fiberglass-Reinforced Vinyl Frame Option

System	Description	Label Rating	Design Pressure Rating
3	Series 15-15 Vinyl Sliding Glass Doors; Finless Mount; F2 Fiberglass Reinforced Meeting Stile and Lock Stile; OX	R-PG50 71 x 81-SD	± 50 psf
4	Series 15-15 Vinyl Sliding Glass Doors; Finless Mount; F2 Fiberglass-Reinforced Meeting Stile and Lock Stile; OX	R-PG35 95 x 95-SD	± 35 psf

General Description: Series 15-15 with Aluminum-Reinforced Vinyl Frame Option

System	Description	Label Rating	Design Pressure Rating
5	Series 15-15 Vinyl Sliding Glass Doors; Finless Mount; A2 Aluminum-Reinforced Meeting Stile and Lock Stile; OX	R-PG50 71 x 79-SD	± 50 psf
6	Series 15-15 Vinyl Sliding Glass Doors; Finless Mount; A2 Aluminum-Reinforced Meeting Stile and Lock Stile; OX	R-PG45 71 x 81-SD	± 45 psf
7	Series 15-15 Vinyl Sliding Glass Doors; Finless Mount; A2 Aluminum-Reinforced Meeting Stile and Lock Stile; OXXO	R-PG25 143 x 79-SD	± 25 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	71-1/4" x 81-1/4"	35-3/4" x 77-15/16"	28-7/16" x 70-5/8"
2	107-1/4" x 79-1/4"	35-3/4" x 77-7/8"	28-1/2" x 68-5/8"
3	71-1/4" x 81-1/4"	35-3/4" x 77-15/16"	28-7/16" x 70-5/8"
4	95-1/4" x 95-1/4"	47-3/4" x 91-7/8"	40-1/2" x 84-1/2"
5	71-1/4" x 79-1/4"	35-13/16" x 75-15/16"	28-1/2" x 68-3/4"
6	71-1/4" x 81-1/4"	35-3/4" x 77-15/16"	28-7/16" x 84-5/8"
7	143-1/4" x 79-1/4"	36-1/2" x 75-7/8"	29-1/4" x 68-5/8"

Product Identification (Certification Agency Label on Door):

System		
1 - 7	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SIM-1 or SIM-2
	Product Name	15-15 SGD (FINLESS)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1 - 7	No	Provide an impact protective system when installing the product in areas that require windborne debris protection for glazed openings.

Installation:

System		
1 - 7	Type of Installation	Replacement Construction – Finless Mount
	Wall Framing	Southern Yellow Pine (SPG ≥ 0.55)
	Fasteners	No. 10 x 2-1/2" steel screws (minimum)
	Fastener Location/Spacing	Secure the door to the wall framing through the vinyl door jambs using four fasteners per jamb. Set a single fastener at 6" (maximum) from each corner. Set the remaining fasteners, even spaced, between the upper and lower fasteners.
	Fastener Penetration	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, the IBC, and the Texas Revisions.