

Product Evaluation

DR216 | 0822

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-216

Effective Date: August 1, 2022

Re-evaluation Date: July 2026

Product Name: Series 11-11 3-Panel Vinyl Sliding Glass Doors, Frame Installation, Impact Resistant

Manufacturer: Simonton Windows and Doors
5020 Weston PKWY
Suite 200
Cary, NC 27513
(800) 549-9118 Ext 413596

Marketed as: Stormbreaker Plus
8000
PerfeXion Impact

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 11-11 3-Panel Vinyl Sliding Glass Door; OXO	R-PG50 107 x 79-SD AAMA 506-06 Missile Level D	± 50 psf

General Description:

System	Description	Label Rating	Design Pressure Rating
2	Series 11-11 Vinyl 3-Panel Vinyl Sliding Glass Doors; OXO	R-PG50 107 x 95-SD AAMA 506-06 Missile Level D	± 50 psf
3	Series 11-11 Vinyl 3-Panel Vinyl Sliding Glass Doors; OXO	R-PG50 143 x 79-SD AAMA 506-06 Missile Level D	± 50 psf
4	Series 11-11 Vinyl 3-Panel Vinyl Sliding Glass Doors; OXO	R-PG50 143 x 95-SD AAMA 506-06 Missile Level D	± 50 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	107-1/4" x 79-1/4"	36-1/8" x 76-1/2"	28" x 68-3/8"
2	107-1/4" x 95-1/4"	36-1/8" x 92-3/8"	28" x 84-1/4"
3	143-1/4" x 79-1/4"	49" x 76-1/8"	40-1/8" x 68-1/2"
4	143-1/4" x 95-1/4"	48-1/8" x 92-1/2"	40-1/16" x 84-1/2"

Product Identification (Certification Agency Label on Door):

System		
1, 3, 4	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SIM-1 or SIM-2
	Product Name	Series 11-11 SGD (3-Lite)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 AAMA 506-06 Missile Level D
2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SIM-1 or SIM-2
	Product Name	Series 11-11 SGD
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 AAMA 506-06 Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-4	Yes	These products have been tested for windborne debris resistance. Install the assemblies at a height on the building that does not exceed the design pressure rating for the assemblies.

Installation:

System		
1-4	Type of Installation	Frame Installation
	Wall Framing	Spruce Pine Fir dimension lumber
	Fasteners	Minimum No. 10 x 2-1/2" steel pan head screws
	Fastener Location/Spacing	Secure the door to the wall framing by setting the fasteners through the door jambs, head, and sill. Locate a single row of fasteners approximately 6" from each corner and 12" on center.
	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 and the IBC.