TDI | Texas Department of Insurance

PO Box 12030 | Austin, TX 78711 | 800-578-4677 | tdi.texas.gov

Product Evaluation

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-1045

Effective Date: December 1, 2022
Re-evaluation Date: November 2025

Product Name: Series 07-09/07-75 Vinyl Horizontal Sliding Windows, Frame Installation, Non-Impact Resistant

Manufacturer: Simonton Building Products, Inc.
5020 Weston Pkwy., Ste. 300
Cary, NC 27513
(800) 542-9118 ext. 413596

Marketed As: Generations
Reflections 5500
PerfeXion Platinum
6500 Series

General Description:

System	Description	Label Rating	Design Pressure Rating
1	07-09 Horizontal Sliding Windows; XOX 1/3-1/3-1/3	R-PG25 (136 x 63)-HS	+25 / -25 psf
	07-20/07-75 Horizontal Sliding Windows; 1/4-1/2-1/4; XOX		

General Description (Continued):

System	Description	Label Rating	Design Pressure Rating
2	07-09 Horizontal Sliding Windows; XOX 1/4-1/2-1/4	R-PG55 (84 x 48)-HS	+55 / -55 psf
3	07-09/07-75 Horizontal Sliding Windows; 1/4-1/2-1/4; XOX	R-PG45 (100 x 48)-HS	+45 / -45 psf
4	07-09/07-75 Horizontal Sliding Windows; 1/4-1/2-1/4; XOX	R-PG30 (84 x 63)-HS	+30 / -30 psf
5	07-09/07-75 Horizontal Sliding Windows; XX	R-PG25 (78 x 63)-HS	+25 / -25 psf
6	07-09/07-75 Horizontal Sliding Windows; XX	R-PG55 (63 x 48)-HS	+55 / -55 psf
7	07-09 Horizontal Sliding Windows; XX	R-PG50 (73 x 51)-HS	+50 / -50 psf
8	07-09 Horizontal Sliding Windows; XOX 1/4-1/2-1/4	R-PG30 (148 x 48)-HS	+30 / -30 psf
9	07-09 Horizontal Sliding Windows; XOX 1/4-1/2-1/4	R-PG45 (105 x 51)-HS	+45 / -45 psf
10	07-75 Horizontal Sliding Windows; XX	R-PG45 (72 x 48)-HS	+45 / -45 psf
11	07-75 Horizontal Sliding Windows; XOX	R-PG40 (110 x 63)-HS	+40 / -40 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	136" x 63"	**07-09:** 70" x 58-3/4" (2)	66" x 54-3/4"
		07-20/07-75: 33-3/8" x 58-3/4" (2)	66-1/8" x 54-3/4"
2	84" x 48"	20-3/8" x 43-3/4" (2)	40" x 39-3/4"
3	100" x 48"	24-3/8" x 43-3/4" (2)	48" x 39-3/4"
4	84" x 63"	20-3/8" x 58-3/4" (2)	40" x 54-3/4"
5	78" x 63"	38-3/8" x 58-3/4"	N/A
6	63" x 48"	30-7/8" x 43-3/4"	N/A
7	73" x 51"	35-3/4" x 46-3/4"	N/A
8	148" x 48"	36-3/8" x 43-3/4" (2)	72" x 39-3/4"
9	105" x 51"	25-5/8" x 46-3/4" (2)	50-5/8" x 42-3/4"
10	72" x 48"	35-3/8" x 43-3/4"	N/A
11	110" x 63"	26-7/8" x 58-3/4" (2)	57" x 54-3/4"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SIM-1 or SIM-2
	Product Name	07-09 HS or 07-20 HS or 07-75 HS
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
2, 3, 8, 9	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SIM-1 or SIM-2
	Product Name	07-09 HS (EV)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
4, 5, 6	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SIM-1 or SIM-2
	Product Name	07-09 HS or 07-75 HS
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
7	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SIM-1 or SIM-2
	Product Name	07-09 HS
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
10, 11	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SIM-1 or SIM-2
	Product Name	07-75 HS
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

Compliance: The products comply with AAMA/WDMA/CSA 101/I.S.2/A440-17 as referenced in the 2018 IRC and 2018 IBC.

Impact Resistance:

System	Impact Resistant	Requirement
1-11	No	These products have not been tested for windborne debris resistance. An impact protection system is required when installing this product in areas where windborne debris protection is required.

Installation:

System		
1 (07-20)	Type of Installation	Nailing Fin
	Wall Framing	Southern Yellow Pine dimension lumber
	Fasteners	No. 6 steel fasteners
	Fastener Location/Spacing	4" from each corner and 8" on center
	Fastener Penetration	Minimum of 1-1/2" into the wall framing

Installation (Continued):

System		
1 (07-09/07-75)	Type of Installation	Screw Through Frame
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8 x 2-1/2" steel fasteners
	Fastener Location/Spacing	5" from each corner along the side jambs
	Fastener Penetration	Minimum of 1-1/2" into the wall framing
2-11	Type of Installation	Screw Through Frame
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8 x 2-1/2" steel fasteners
	Fastener Location/Spacing	6" from each corner along the side jambs
	Fastener Penetration	Minimum of 1-1/2" into the wall framing

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.