



Product Evaluation

WIN1227 | 0317

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-1227 **Effective Date:** March 1, 2017
Re-evaluation Date: January 2021

Product Name: Series 43-45 Vinyl Double Hung Windows, Replacement Construction, Non-impact Resistant

Manufacturer: Simonton Building Products, Inc.
3948 Townsfair Way suite 200
Columbus, OH 43219

Marketed as: Reflections 5050
Reflections 5300
Prism Bronze
Prism Ultra Gold
6100 Vantage Pointe
Grand Estates View
Grand Estates Plus

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 43-45 Vinyl Double Hung Windows; (X/X)	H-R35 52 x 71	±35 psf

Product Dimensions:

System	Overall Size	Top Sash Size	Bottom Sash Size
1	52" x 71"	48" x 34-1/4"	49" x 35-1/4"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SIM-1 / SIM-2
	Product Name	Series 43-45 DH
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

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

Acceptance of Smaller Assemblies: Window assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

Installation:

System		
1	Type of Installation	New Construction- Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	#8 x 2-1/2" Screws
	Fastener Location/Spacing	One fastener located 6" from each end.
	Fastener Penetration	Minimum 1-1/2" into wood framing

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.