

Product Evaluation

WIN2710 | 0522

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-2710

Effective Date: May 1, 2022

Re-evaluation Date: March 2025

Product Name: Series 07-09/ 07-20 Vinyl Double Hung Windows with SafePoint, Impact Resistant

Manufacturer: Simonton Windows & Doors by Ply Gem
5020 Weston Pkwy., Suite 300
Cary, NC 27513
(614) 307-3278

Marketed As: Reflections 5500
PerfeXion Platinum

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 07-09/ 07-20 Vinyl Double Hung Windows with SafePoint; X/X	R-PG40 (53 x 75)-H Missile Level C	+40 / -40 psf

Product Dimensions:

System	Overall Size	Top Sash Size	Bottom Sash Size
1	52-1/2" x 75"	48-3/8" x 35-3/4"	49-5/16" x 36-3/4"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SIM-1
	Product Name	07-09/ 07-20 DH
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 AAMA 506 Conforms to ASTM E1886 & E1996 Missile Level C

Impact Resistance:

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install in areas where the basic ultimate windspeed is less than 150 mph and greater than one mile from the coastline. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies

Installation:

System		
1	Type of Installation	Install in accordance with drawing No. IN0598TX, dated August 20, 2021. Signed and sealed by Lucas A. Turner, P.E. on August 31, 2021.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

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.