

## Product Evaluation

WIN2531 | 1220

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-2531

**Effective Date:** December 1, 2020

**Re-evaluation Date:** August 2023

**Product Name:** Vanguard Series Vinyl Double Hung Windows, Frame Installation, Non-Impact Resistant

**Manufacturer:** Sunrise Windows, LTD  
200 Enterprise Dr.  
Temperance, MI 48182  
(734) 847-8778

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Vanguard Series Vinyl Double Hung Windows	LC-PG25 (48 x 78)-H	+25 / -35 psf
2	Vanguard Series Vinyl Double Hung Windows	LC-PG35 (44 x 75)-H	+35 / -45 psf
3	Vanguard Series Vinyl Double Hung Windows	LC-PG45 (40 x 71)-H	+45 / -50 psf
4	Vanguard Series Vinyl Double Hung Windows	LC-PG40 (40 x 63)-H	+40 / -45 psf

**Product Dimensions:**

System	Overall Size	Top Sash Size	Bottom Sash Size
1	48" x 78"	43-13/16" x 37-5/8"	44-13/16" x 38-7/8"
2	44" x 75"	39-13/16" x 36-1/8"	40-3/4" x 37-3/8"
3	40" x 71"	35-13/16" x 34-1/8"	36-3/4" x 35-1/8"
4	40" x 63"	35-13/16" x 30-1/8"	36-3/4" x 31-3/8"

**Product Identification (Certification Label on Window):**

System		
1-4	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Sunrise Windows & Doors
	Product Name	Vinyl Double Hung Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

**Impact Resistance:**

System	Impact Resistant	Requirement
1-4	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation:**

System		
1-4	Type of Installation	Install in accordance with drawing No. TX-5049, dated May 5, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on July 7, 2020.
	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.