

## Product Evaluation

WIN2376 | 0721

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-2376

**Effective Date:** July 1, 2021

**Re-evaluation Date:** December 2024

**Product Name:** Premium Vinyl (V-4500) Side Load Single Hung Windows, Fin and Frame Installation, Non-Impact Resistant

**Manufacturer:** JELD-WEN Windows and Doors  
Research and Development  
3737 Lakeport Blvd.  
Klamath Falls, OR 97601  
(541) 850-2650

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Premium Vinyl (V-4500) Side Load Single Hung Windows; O/X	LC-PG35 (48 x 96)-H	+35 / -35 psf
2	Premium Vinyl (V-4500) Side Load Single Hung Windows; O/X	LC-PG50 (48 x 84)-H	+50 / -55 psf
3	Premium Vinyl (V-4500) Side Load Triple Single Hung Windows	LC-PG50 (108 x 80)-H	+50 / -55 psf

**Product Dimensions:**

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	48" x 96"	45-3/16" x 40-7/8"	44-3/8" x 51-3/8"
2	48-1/8" x 84-1/8"	45-1/4" x 40-13/16"	44-1/2" x 39"
3	108-1/16" x 80"	33-1/8" x 39-1/16" (3)	32-5/16" x 37-1/8" (3)

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

System		
1-2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-6 or JW-18
	Product Name	Premium VYL (V-4500) SL SH
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-6 or JW-18
	Product Name	Premium VYL (V-4500) Triple SL SH
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

**Impact Resistance:**

System	Impact Resistant	Requirement
1-3	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation:**

System		
1	Type of Installation	Nail Fin Installation
	Wall Framing	Southern Yellow Pine dimension lumber
	Fasteners	No. 8 washer head screws
	Fastener Location/Spacing	8" from each corner and 8" on center along the perimeter
	Fastener Penetration	Minimum of 1-1/2" into the wall framing
2	Type of Installation	Install in accordance with JELD-WEN drawing No. D011889, titled "Premium Vinyl Single Hung Side Load Window", dated March 2, 2021. Signed and sealed by Joseph A. Reed, P.E. on May 11, 2021.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
3	Type of Installation	Install in accordance with JELD-WEN drawing No. D016015, titled "Premium Vinyl Single Hung Side Load XXX Window", dated May 14, 2021. Signed and sealed by Joseph A. Reed, P.E. on May 17, 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.