

## Product Evaluation

WIN2422 | 0723

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-2422**Effective Date:** July 1, 2023**Re-evaluation Date:** February 2026

**Product Name:** Premium Vinyl (V-4500) Fixed Windows, Fin and Frame Installation, Impact Resistant

**Manufacturer:** JELD-WEN Windows & 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) Fixed Windows; O	LC-PG50 (48 x 84)-FW Missile Level C	+50 / -55 psf
2	Premium Vinyl (V-4500) Fixed Windows; O	LC-PG50 (48 x 84)-FW Missile Level D	+50 / -55 psf
3	Premium Vinyl (V-4500) Fixed Windows; O	LC-PG50 (60 x 60)-FW Missile Level C	+50 / -55 psf
4	Premium Vinyl (V-4500) Fixed Windows; O	LC-PG50 (60 x 60)-FW Missile Level D	+50 / -55 psf

**Product Dimensions:**

System	Overall Size	Fixed Sash Daylight Opening Size
1	48" x 84"	44-5/8" x 80-3/4"
2	48" x 84"	44-1/2" x 80-5/8"
3	60" x 60"	56-11/16" x 56-11/16"
4	60" x 60"	56-5/8" x 56-5/8"

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

System		
1	Certification Agency	AAMA
	Manufacturer's Name	JW-12
	Product Name	Premium Vinyl PW (FIN & FINLESS)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 506; Missile Level C
2	Certification Agency	AAMA
	Manufacturer's Name	JW-12
	Product Name	Premium Vinyl PW (FIN)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 506; Missile Level D
3	Certification Agency	AAMA
	Manufacturer's Name	JW-12
	Product Name	Premium Vinyl PW (FIN & MASONRY STRAPS)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 506; Missile Level C
4	Certification Agency	AAMA
	Manufacturer's Name	JW-12
	Product Name	Premium Vinyl PW (FIN)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 506; Missile Level D

**Impact Resistance:**

System	Impact Resistant	Requirement
1-4	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

**Installation:**

<b>System</b>		
1	Type of Installation	Install in accordance with JELD-WEN drawing with report No. SJW2016-022, titled "Premium Vinyl Fixed with Sloped Sill Window-Impact," and dated April 15, 2021. Signed and sealed by Joseph A. Reed, PE. on April 22, 2021.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
2	Type of Installation	Install in accordance with JELD-WEN drawing with report No. NCTL-110-17-016, titled "Premium Vinyl Fixed with Sloped Sill Window-Impact," and dated April 15, 2021. Signed and sealed by Joseph A. Reed, PE. on April 22, 2021.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
3	Type of Installation	Install in accordance with JELD-WEN drawing with report No. NCTL-110-17-037, titled "Premium Vinyl Fixed with Sloped Sill Window-Impact," and dated April 15, 2021. Signed and sealed by Joseph A. Reed, PE. on April 22, 2021.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
4	Type of Installation	Install in accordance with JELD-WEN drawing with report No. G6813.06-301-47, titled "Premium Vinyl Fixed with Sloped Sill Window-Impact," and dated April 15, 2021. Signed and sealed by Joseph A. Reed, PE. on April 22, 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.