

## Product Evaluation

WIN2338 | 0121

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-2338

**Effective Date:** January 1, 2021

**Re-evaluation Date:** January 2025

**Product Name:** Premium Vinyl (V4500) Vinyl Casement Windows, Fin and Frame Installation, Impact Resistant

**Manufacturer:** JELD-WEN Windows and Doors  
3737 Lakeport Blvd.  
Klamath Falls, OR 97601  
(541) 882-3451

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Premium Vinyl (V4500) Vinyl Casement Windows; X	LC-PG50 36 x 72 – C (MODIF) Missile Level C	+50 / -55 psf
2	Premium Vinyl (V4500) Vinyl Casement Windows; X	LC-PG50 36 x 72 – C (MODIF) Missile Level D	+50 / -55 psf
3	Premium Vinyl (V4500) Vinyl Casement Windows; XXX	LC-PG50 108 x 72 – C (MODIF) Missile Level C	+50 / -55 psf
4	Premium Vinyl (V4500) Vinyl Casement Windows; XXX	LC-PG50 108 x 72 - C (MODIF) (REINF) Missile Level D	+50 / -55 psf

**Product Dimensions:**

System	Overall Size	Sash Size	Glass Daylight Opening Size
1	36.06" x 72.01"	34.57" x 70.43"	29.72" x 65.63"
2	35.98" x 72.01"	34.49" x 70.51"	29.49" x 65.51"
3	108.50" x 72.50"	Flank: 34.50" x 70.44" Center: 33.50" x 70.44"	29.49" x 65.51"
4	107.95" x 72.01"	34.41" x 70.51"	29.61" x 65.63"

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

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-14 or JW-18
	Product Name	PREMIUM VYL (V4500) ROTARY OPERATED CASEMENT FIN & FINLESS
	Test Standards	AAMA/WDAA/CSA 101/I.S.2/A440-08 AAMA 506; Missile Level C
2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-14 or JW-18
	Product Name	PREMIUM VYL (V4500) ROTARY OPERATED CASEMENT FIN & FINLESS
	Test Standards	AAMA/WDAA/CSA 101/I.S.2/A440-08 AAMA 506; Missile Level D
3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-14 or JW-18
	Product Name	PREMIUM VYL (V4500) ROTARAY OP TRIPLECASEMENT FIN & FINLESS
	Test Standards	AAMA/WDAA/CSA 101/I.S.2/A440-08 AAMA 506; Missile Level C
4	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-14 or JW-18
	Product Name	PREMIUM VYL (V4500) ROT OP TPL CASEMENT FIN & MASONRY STRAPS
	Test Standards	AAMA/WDAA/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:**

System		
1	Type of Installation	Install in accordance with JELD-WEN, drawing record No. D014551, titled "Premium Vinyl Casement Impact Window WZ2," dated November 5, 2020. Signed & sealed by Joseph A. Reed, P.E. on November 12, 2020.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	
2	Type of Installation	Install in accordance with JELD-WEN, drawing record No. D013059, titled "Premium Vinyl Impact Casement Window WZ3," November 5, 2020. Signed & sealed by Joseph A. Reed, P.E. on November 12, 2020.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	
3	Type of Installation	Install in accordance with JELD-WEN, drawing record No. D013059.2, titled "Premium Vinyl Impact Casement Window WZ2," November 5, 2020. Signed & sealed by Joseph A. Reed, P.E. on November 12, 2020.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	
4	Type of Installation	Install in accordance with JELD-WEN, drawing record No. D014631, titled "Premium Vinyl Casement Impact Window XXX WZ3," November 5, 2020. Signed & sealed by Joseph A. Reed, P.E. on November 12, 2020.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	

**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.