

Product Evaluation

WIN1414 | 1121

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-1414**Effective Date:** November 1, 2021**Re-evaluation Date:** September 2025

Product Name: Premium Atlantic Vinyl Horizontal Sliding Windows, Fin and Frame Installation, Non-Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Premium Atlantic Vinyl Horizontal Sliding Windows; OX	R-PG65 (74 x 54)-HS	+65 / -70 psf
2	Premium Atlantic Vinyl Horizontal Sliding Windows; OX	R-PG50 (74 x 62)-HS	+50 / -55 psf
3	Premium Atlantic Vinyl Horizontal Sliding Windows; XOX	R-PG50 (111 x 54)-HS	+50 / -55 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	74" x 54"	37" x 51-1/4"	33-5/8" x 50-1/2"
2	74" x 62"	37" x 59-1/4"	33-5/8" x 58-1/2"
3	111" x 54"	37" x 51"	33-1/2" x 50"

Product Identification (Certification Label on Window):

System		
1-3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-19
	Product Name	PAV HS
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

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**

Option 1: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing through a nailing fin. The nailing fin is secured to the wall framing with No. 10 PPH sheet metal screws. Locate the screws approximately 4-1/2" from each corner and 16-1/4" on center along the head and sill, and 4-1/2" from each corner and 15" on center along the side jambs. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Option 2: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing with No. 10 PPH sheet metal screws secured through the frame. Locate the screws approximately 5-1/2" from each corner and 14-1/2" on center along the head and sill, and 5-1/2" from each corner and 14" on center along the side jambs. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

System 2

Option 1: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing through a nailing fin. The nailing fin is secured to the wall framing with No. 10 PPH sheet metal screws. Locate the screws approximately 4-1/2" from each corner and 16-1/4" on center along the head and sill, and 4-1/2" from each corner and 13-1/4" on center along the side jambs. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Option 2: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing with No. 10 PPH sheet metal screws secured through the frame. Locate the screws approximately 5-1/2" from each corner and 15-3/4" on center along the head and sill, and 5-1/2" from each corner and 17" on center along the side jambs. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

System 3

Option 1: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing through a nailing fin. The nailing fin is secured to the wall framing with No. 10 PPH sheet metal screws. Locate the screws approximately 4" from each corner and 8" on center along the perimeter of the window. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Option 2: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing with No. 10 x 1-1/2" PPH sheet metal screws. Along the head and sill, locate the screws approximately 4" from each corner, 4" on either side of each meeting rail, at the center of each meeting rail, and at the mid-span of the fixed sash. Along the side jambs, locate the screws 4" from each corner and 16" on center along the side jambs. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

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.