

Product Evaluation

WIN2179 | 1221

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-2179

Effective Date: December 1, 2021

Re-evaluation Date: December 2025

Product Name: Series 450 Vinyl Horizontal Sliding Windows, Fin Installation, Non-Impact Resistant

Manufacturer: Legacy Vinyl Windows, L.P.
1813 Kelly Blvd.
Carrollton, TX 75006
(214) 237-5055

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 450 Vinyl Horizontal Sliding Windows; OX	R-PG50 (72 x 44)-HS	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	71-1/2" x 43-1/2"	35-1/2" x 41-1/4"	32-5/16" x 39"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LVW-1
	Product Name	450 HS
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

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

Installation:

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to wall framing through the nailing fin. The nailing fin is mechanically secured to the wall framing with No. 8 screws. Locate the screws approximately 2" from each corner and 12" on center along the perimeter. Also, one (1) No. 8 x 2" screw is located directly above and below the fixed interlock. 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.