

Product Evaluation

WIN2320 | 0322

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-2320

Effective Date: March 1, 2022

Re-evaluation Date: January 2026

Product Name: Siteline or W-5500 Aluminum Clad Wood Outswing Door Transom, Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Siteline or W-5500 Aluminum Clad Wood Outswing Door Transom; O	LC-PG50 (75.25 x 36)-TR Missile Level D	+50 / -65 psf

Product Dimensions:

System	Overall Size	Fixed Sash Daylight Opening Size
1	75-5/8" x 36"	68-11/16" x 29-7/16"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	JELD-WEN Windows & Doors
	Product Name	Siteline Clad Outswing Door Transom-IG Impact
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-13a/E1996-14 Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	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 (One of the Following):

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

Masonry Strap: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing with 20-gauge x 1-1/2" x 10" masonry straps. Secure the strap to the window frame with two (2) No. 8 x 1/2" PH screws and to the wall framing with two (2) No. 8 PH screws. Locate the screws approximately 4" from each corner and 16" on center along the head and sill, and 4" from each corner along the side jambs. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Through Frame: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing with No. 8 flat head screws. Locate the screws approximately 4" from each corner and 16" on center along the head and sill, and 4" from each corner 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.