



Product Evaluation

WIN2139 | 1016

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-2139

Effective Date: October 1, 2016

Re-evaluation Date: September 2020

Product Name: Siteline/W-4500 Aluminum Clad Wood Direct Set Radius, Fixed Window, Non-Impact Resistant.

Manufacturer: JELD-WEN Windows & Doors
811 Factory St.
Hawkins, WI 54530
(800) 535-3936

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Siteline/W-4500 Clad Direct Set Radius Fixed Window; (O)	LC-PG50 85 X 85-FW	+50 / -50 psf

Product Dimensions:

System	Overall Size	Panel Size	Daylight Opening Size
1	85" x 85"	82-7/16" x 82-7/16"	81-3/8" x 81-3/8"

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 Direct Set Radius
	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.

Acceptance of Smaller Assemblies: Window assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

Installation:

System		
1	Type of Installation	Nail Fin / Frame Installation
	Wall Framing	Spruce-Pine-Fir Dimension lumber
	Fasteners	Minimum No. 8 x 1-1/2" screws
	Fastener Location/Spacing	1. Nail Fin. Drive fasteners 4" maximum from each corner and spaced 8" maximum on center thereafter, through the nail fin into the wood buck. 2. Frame. Drive fasteners 4" maximum from each corner and spaced 16" maximum on center thereafter, through the frame into the wood buck.
	Fastener Penetration	Minimum 1-1/4" into the wall framing

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.