

Product Evaluation

WIN2625 | 0721

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-2625

Effective Date: July 1, 2021

Re-evaluation Date: July 2025

Product Name: Vinyl Awning Windows, Individual and Triple Mulled, Non-Impact Resistant

Manufacturer: Sierra Pacific Windows
575 South Whelen Ave
Medford, WI 54451
(715) 748-2011

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Vinyl Awning Windows; XXX	LC-PG50 (123.25 x 35.5)-AP	+50 / -50 psf
2	Vinyl Awning Windows; X	CW-PG50 (47.5 x 47.5)-AP	+50 / -50 psf
3	Vinyl Awning Windows; X	LC-PG50 (47.5 x 35.5)-AP	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operable Sash Size
1	123-1/4" x 35-1/2"	39-1/4" x 33-1/4" (3)
2	47-1/2" x 47-1/2"	45-5/16" x 45-5/16"
3	47-1/2" x 35-1/2"	45-5/16" x 33-5/16"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	WDMA
	Manufacturer's Name	Sierra Pacific Windows
	Product Name	Vinyl Awning (Common Mull)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,11
2	Certification Agency	WDMA
	Manufacturer's Name	Sierra Pacific Windows
	Product Name	Vinyl Awning
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,11
3	Certification Agency	WDMA
	Manufacturer's Name	Sierra Pacific Windows
	Product Name	8500 Vinyl Awning
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,11,17

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	Type of Installation	Nail Fin Installation
	Wall Framing	Southern Yellow Pine dimension lumber
	Fasteners	No. 8 PPH screws
	Fastener Location/Spacing	2"-3" from each corner and 7"-8" on center along the perimeter
	Fastener Penetration	Minimum of 1-1/2" into the wall framing
2	Type of Installation	Nail Fin Installation
	Wall Framing	Southern Yellow Pine dimension lumber
	Fasteners	No. 8 PPH screws
	Fastener Location/Spacing	4" from each corner and 8"-10" on center along the perimeter
	Fastener Penetration	Minimum of 1-1/2" into the wall framing

Installation:

System 3: The wood wall framing members must be minimum Southern Yellow Pine dimension lumber. Secure the window assembly along the side jambs using minimum No. 8 x 2" PPH SS screws spaced approximately 8" from each corner. The window assembly was also secured with pine furring strips (5/8" x 5/8" x 12") spaced 12" from each corner along the head and sill and at the center of each side jamb on the interior and in the same locations except the sill on the exterior. Secure the strips to the wall framing with minimum No. 7 x 1-5/8" wood screws spaced 1" from the ends and at the center of each strip. 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.