TDI | Texas Department of Insurance

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Product Evaluation

Engineering Services Program

Evaluation ID: WIN-2424

Effective Date: December 1, 2019
Re-evaluation Date: December 2023

Product Name: Aluminum Clad Wood Casement Windows, Mulled Combination, Fin Installation, 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	Aluminum Clad Wood 2-Wide Casement Operator	LC-PG25 Span (96.25) x TW (28.25)-MA	+25 / -25 psf
2	Aluminum Clad Wood Casement Windows	LC-PG50 Span (72) x TW (36)-MA	+50 / -50 psf
3	Aluminum Clad Wood 2-wide Pushout Casement Windows	CW-PG35 Span (72.19) x TW (36.19)-MA	+35 / -35 psf
4	Aluminum Clad Wood 2-wide Pushout Casement Windows	CW-PG50 Span (72.19) x TW (36.19)-MA	+50 / -55 psf

Product Dimensions:

System	Overall Size	Operating Casement Sash Size
1	57.50" x 96.25"	26.50" x 94.63"
2	72.50" x 72.25"	34.50" x 70.50"
3-4	72.38" x 72.19"	34.50" x 70.63"

Product Identification (Certification Label on Window):

System		
1-2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Sierra Pacific Windows
	Product Name	Aluminum Clad Casement
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
3-4	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Sierra Pacific Windows
	Product Name	Aluminum Clad Pushout Casement
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

Assembly Labelling: The assembly will bear the WDMA label noted in the Product Identification section of this evaluation report. In addition, the individual windows in the mulled assembly will bear a WDMA label. Refer to the appropriate TDI evaluation report for the individual windows in the mulled assembly for the information specified on the WDMA label.

Impact Resistance:

System	Impact Resistant	Requirement
1-4	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1	Type of Installation	Vinyl Nail Fin Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 8 x 1-1/4" PPH screws
	Fastener Location/Spacing	Approximately 2" from each corner and 7" on center along the side jambs and sill
	Fastener Penetration	Minimum 1-1/2" into the wall framing
2	Type of Installation	Vinyl Nail Fin Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 8 x 1-1/4" PPH screws
	Fastener Location/Spacing	Approximately 8" from each corner and 8" on center along the perimeter
	Fastener Penetration	Minimum 1-1/2" into the wall framing

Installation (continued):

System		
3	Type of Installation	Vinyl Nail Fin Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum 2" long smooth shank roofing nails
	Fastener Location/Spacing	Approximately 1" from each corner and 3"-8" on center along the perimeter
	Fastener Penetration	Minimum 1-1/2" into the wall framing
4	Type of Installation	Aluminum Nail Fin Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 8 x 1-1/4" PPH screws
	Fastener Location/Spacing	Approximately 1" from each corner and 8"-10" on center along the perimeter
	Fastener Penetration	Minimum 1-1/2" 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 and the IBC.