

Product Evaluation

WIN2396 | 0819

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-2396

Effective Date: August 1, 2019

Re-evaluation Date: August 2023

Product Name: Monument Aluminum Clad Wood Horizontal Sliding Windows, 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	Monument Aluminum Clad Wood Horizontal Sliding Windows (XO)	CW-PG50 72 x 48-HS	+50 / -50 psf
2	Monument Aluminum Clad Wood Horizontal Sliding Windows (XO)	CW-PG35 72 x 72-HS	+35 / -35 psf
3	Monument Aluminum Clad Wood Horizontal Sliding Windows; Unequal Lites (XOX)	CW-PG35 119 x 59-HS	+35 / -35 psf
4	Monument Aluminum Clad Wood Horizontal Sliding Windows; Equal Lites (XOX)	CW-PG50 119 x 59-HS	+50 / -50 psf

General Description (Continued):

System	Description	Label Rating	Design Pressure Rating
5	Monument Aluminum Clad Wood Horizontal Sliding Windows (XOX)	LC-PG40 120 x 72-HS	+40 / -40 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	71.50" x 47.50"	35.688" x 44"	32" x 39.875"
2	71.50" x 71.50"	35.688" x 68"	32" x 64"
3	119.25" x 59.25"	30.69" x 56.06"	55" x 52"
4	119.25" x 59.375"	40" x 56"	36.25" x 51.938"
5	119.50" x 71.50"	40.125" x 68.25"	36.125" x 64.188"

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 Monument Horizontal Slider XO
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Sierra Pacific Windows
	Product Name	Clad Monument Horizontal Slider XOX Unequal Lites
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-11
4	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Sierra Pacific Windows
	Product Name	Clad Monument Horizontal Slider XOX Equal Lites
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
5	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Sierra Pacific Windows
	Product Name	Aluminum Clad Monument Horizontal Slider XOX
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

Impact Resistance:

System	Impact Resistant	Requirement
1-5	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:**Nail Fin Installation (Systems 1, 2):**

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using an applied vinyl nailing fin. The nailing fin is secured to the wall framing using minimum No. 8 PPH screws. Locate the screws approximately 7" from each corner and 7" on center thereafter along the perimeter. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Nail Fin Installation (System 3):

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using an applied vinyl nailing fin. The nailing fin is secured to the wall framing using minimum No. 8 PPH screws spaced approximately 2"-3" from each corner and 6"-8" on center thereafter along the perimeter. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Frame Installation (System 4):

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using minimum No. 8 PPH screws. Locate the screws approximately 8" from each corner and 8" on center thereafter along the perimeter of the window. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Nail Fin Installation (System 5):

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using an applied structural aluminum nailing fin. The nailing fin is secured to the wall framing using minimum No. 8 PPH screws. Locate the screws approximately 5" from each corner and 5" on center thereafter along the perimeter. 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, the IBC, and the Texas Revisions.