

Product Evaluation

WIN2312 | 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-2312

Effective Date: August 1, 2019

Re-evaluation Date: August 2023

Product Name: Monument Aluminum Clad Wood Double Hung 2-Wide 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 Double Hung 2-Wide Windows, Muller Combo	LC-PG25 99 x 97-H LC-PG25 Span (96.63) x TW (49.32)-MA	+25 / -25 psf
2	Monument Aluminum Clad Wood Double Hung 2-Wide Windows	R-PG45 Span (76.63) x TW (37.31)-MA	+45 / -45 psf
3	Monument Aluminum Clad Wood Double Hung 2-Wide Windows	LC-PG65 75 x 77-H LC-PG65 Span (76.6) x TW (38.3)-MA	+65 / -65 psf

Product Dimensions:

System	Overall Size	Top Sash Size	Bottom Sash Size
1	98.63" x 96.63"	47" x 48.50"	47" x 46.81"
2	74.63" x 76.63"	34.44" x 34.75"	34.44" x 35.94"
3	74.75" x 76.625"	35" x 37"	35" x 37.125"

Product Identification (Certification Label on Window):

System		
1, 3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Sierra Pacific Windows
	Product Name	Aluminum Clad Monument Double/Single Hung Mull
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-11
2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Sierra Pacific Windows
	Product Name	Aluminum Clad Monument Double Hung Mull
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

Assembly Labelling (System 2): The assembly will bear the WDMA label noted in the Product Identification section of this evaluation report. In addition, the individual windows in the mullled assembly will bear a WDMA label. Refer to the appropriate TDI evaluation report for the individual windows in the mullled assembly for the information specified on the WDMA label.

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:**

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using an aluminum nailing fin. The nailing fin is secured to the wall framing using minimum No. 8 PPH screws. Locate the screws approximately 1"-3" 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.

System 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 1"-3" from each corner and 7" on center thereafter along the perimeter of the window. One minimum No. 10 x 2-1/2" PFH screw must be placed through the head at the mull location spaced approximately 3" on each side of the mull seam. Two minimum No. 10 x 3" drywall screws must be toe screwed through the sill end of the vertical mullion, with one screw per side jamb end. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

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 a nailing fin. The nailing in is secured to the window frame using minimum No. 6 screws spaced approximately 9" on center. Secure the nailing fin to the wall framing using minimum No. 8 screws spaced approximately 1"-3" from each corner and 9" on center thereafter. 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.