

Product Evaluation

WIN627 | 0524

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 1-800-248-6032.

Evaluation ID: WIN-627

Effective Date: May 1, 2024

Re-evaluation Date: January 2028

Product Name: Aluminum Clad Wood Casement Studio Fixed Window, Fin Installation, Non-Impact Resistant

Manufacturer: Lincoln Wood Products, Inc
1400 West Taylor Street
Merrill, Wisconsin 54452
(715) 536-2461

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Aluminum Clad Wood Casement Studio Fixed Window	CW-PG50 78 x 78-FW	+50 / -50 psf
2	Aluminum Clad Wood Casement Studio Fixed Window	CW-PG50 60 x 96-FW	+50 / -50 psf
3	Aluminum Clad Wood Casement Studio Fixed Window	CW-PG50 78 x 96-FW	+50 / -50 psf
4	Aluminum Clad Wood Casement Studio Fixed Window; Transom	CW-PG60 111 x 30-TR	+60 / -60 psf

Product Dimensions:

System	Overall Size	Fixed Sash Size	Fixed Glass Daylight Opening Size
1	78" x 78"	76.25" x 76.25"	73" x 73"
2	60" x 96"	58.13" x 94.25"	55" x 91"
3	78" x 96"	76.25" x 94.25"	73" x 91"
4	110.50" x 30"	108.75" x 28.25"	105.50" x 25"

Product Identification (Certification Label on Window):

System		
1, 2, 3	Certification agency	AAMA
	Manufacturer's name or code name	LN-1
	Product name	Clad Casement Studio
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-017
4	Certification agency	AAMA
	Manufacturer's name or code name	LN-1
	Product name	Clad Casement Transom
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Compliance: The products comply with AAMA/WDMA/CSA 101/I.S.2/A440-17.

Impact Resistance:

System	Impact Resistant	Requirement
1-4	No	These products have not been tested for windborne debris resistance. An impact protection system is required when installing this product in areas where windborne debris protection is required.

Installation:

Systems 1, 2, and 4: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using the nailing fin with minimum 2" long smooth shank nails with a 0.12" (11-gauge) diameter shaft and a 0.39" head. Along the head, sill, and side jambs, locate the fasteners approximately 7" from each corner and 7" on center. All fasteners must be long enough to penetrate a minimum of 1-1/2" into the wood framing.

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 the nailing fin with minimum 2" long smooth shank nails with a 0.12" (11-gauge) diameter shaft and a 0.39" head. Along the head, sill, and side jambs, locate the fasteners approximately 7" from each corner and 7" on center. In addition, 20-gauge x 1-1/2" wide x 11" steel installation clips are required at the head and side jambs spaced approximately 6" from each corner and 12" on center at the side jambs and 11" on

center at the head. The clips are fastened to the window frame with two (2) No. 7 x 3/4" SS PH screws and to the wall framing with two (2) 8D x 2-1/2" long common wire nails. No clips are used at the sill. All fasteners must be long enough to penetrate a minimum of 1-1/2" into the wood 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.