



Product Evaluation

WIN636 | 0315

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-636

Effective Date: September 1, 2013

Revised: March 1, 2015

Re-evaluation Date: April 2015

Product Name: Aluminum Clad Wood Casement Windows, Non-impact Resistant

Manufacturer: Lincoln Wood Products, Inc.
1400 W. Taylor Street
Merrill, WI 54452
(715) 536-2461

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Aluminum Clad Wood Casement Windows; Twin; X.X	C-LC50 74 x 77	+50 / -50 psf
2	Aluminum Clad Wood Casement Windows; Twin; X.X	C-LC30 74 x 77	+30 / -30 psf
3	Aluminum Clad Wood Casement Window	LC-PG50 37 x 84-C	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operating Sash Size
1	74" x 77"	35-1/16" x 75-1/16"
2	74" x 77"	35-1/16" x 75-1/16"
3	37" x 84"	35" x 82-3/16"

Product Identification (Certification Agency Label on Window):

System		
1, 2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	Clad Casement Mullion
	Test Standards	AAMA/NWWDA/101/I.S.2-97
3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	Clad Casement
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1, 2, 3	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System 1: The window must be fastened to minimum Southern Yellow Pine lumber dimension lumber using the nailing flange at the head, sill, and side jambs of the window frame and with galvanized masonry clips (1-1/2" x 6-1/2" x 0.05"). Secure the nailing flange to the wall framing with minimum 11-gauge (0.12") roofing nails (minimum 2" long smooth shank). Space the fasteners approximately 7" from each corner and approximately 7" on center along the perimeter of the window. Secure masonry clips to the window frame with two (2); No. 8 x 3/4" screws per clip and are secured to the wall framing with two (2); No. 8 screws. Locate the clips approximately 20" on center along the perimeter of the window. At the sill, locate one (1); No. 8 x 3" screw approximately 2" on either sides of the mullion. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall-framing members. The nailing flange is silicone sealed to the window frame.

System 2: Fasten the window to minimum Southern Yellow Pine dimension lumber using the nailing flange at the head, sill, and side jambs of the window frame. Secure the nailing flange to the wall framing with minimum 11-gauge (0.12") roofing nails (minimum 2" long smooth shank). Space the fasteners approximately 7" from each corner and approximately 7" on center. At the sill, one (1); No. 8 x 3" screw must be located approximately 2" on either sides of the mullion. The fasteners must penetrate through the sill and into the wall framing. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall-framing members. The nailing flange is silicone sealed to the window frame.

System 3: Fasten the window to minimum Spruce-Pine-Fir dimension lumber using the nailing fin at the head, sill, and side jambs of the window frame. Secure the nailing fin to the wall framing with minimum 11-gauge (0.12") roofing nails (minimum 2" long smooth shank). Space the fasteners approximately 7" from each corner and approximately 7" on center. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall-framing members. The nailing fin is silicone sealed to the window frame.

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, IBC, and the Texas Revisions.