TDI | Texas Department of Insurance

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Product Evaluation

WIN636 | 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-636

Effective Date: May 1, 2024
Re-evaluation Date: June 2025

Product Name: Aluminum Clad Wood Casement Window, Non-Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Aluminum Clad Wood Casement Window; Pushout	R-PG40 (42 x 78)-C	+40 / -40 psf
2	Aluminum Clad Wood Casement Window; Pushout; w/ Hinge Stop	R-PG40 (42 x 78)-C	+40 / -40 psf
3	Aluminum Clad Wood Casement Window; Pushout	R-PG50 (42 x 78)-C	+50 / -50 psf
4	Aluminum Clad Wood Casement Window; Pushout; w/ Hinge Stop	R-PG50 (42 x 78)-C	+50 / -50 psf
5	Aluminum Clad Wood Casement Window	CW-PG50 (36 x 78)-C	+50 / -50 psf
6	Aluminum Clad Wood Casement Window	R-PG50 (42 x 96)-C	+50 / -50 psf

General Description (Continued):

System	Description	Label Rating	Design Pressure Rating
7	Aluminum Clad Wood Casement Window; Twin	LC-PG25 (72 x 78)-C	+25 / -25 psf
8	Aluminum Clad Wood Casement Window; Twin	CW-PG50 (72 x 78)-C	+50 / -50 psf
9	Aluminum Clad Wood Casement Window; Twin	CW-PG50 (64 x 78)-C	+50 / -50 psf
10	Aluminum Clad Wood Casement Window w/ Butt Hinges	CW-PG50 (42 x 96)-C	+50 / -50 psf
11	Aluminum Clad Wood Casement Window; Twin	R-PG35 (84 x 96)-C	+35 / -35 psf
12	Aluminum Clad Wood Casement Window; Twin	R-PG50 (84 x 96)-C	+50 / -50 psf

Product Dimensions:

System	Overall Size	Sash Size
1-4	42" x 78"	40.25" x 76.25"
5	36" x 78"	34.19" x 76.13"
6	42" x 96"	40.25" x 94.25"
7-8	72" x 78"	Two: 34.19" x 76.13"
9	64" x 78"	Two: 30.19" x 76.13"
10	42" x 96"	40.19" x 94.19"
11-12	84" x 96"	Two: 40.25" x 94.25"

Product Identification (Certification Label on Window):

System		
1-4	Certification agency	AAMA
	Manufacturer's name or code name	LN-1
	Product name	Clad Pushout Casement
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-17
5-6	Certification agency	AAMA
	Manufacturer's name or code name	LN-1
	Product name	Clad Casement
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-17

Product Identification (Certification Label on Window) - Continued:

System		
7-9, 11	Certification agency	AAMA
	Manufacturer's name or code name	LN-1
	Product name	Clad Casement Mull
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-17
10	Certification agency	AAMA
	Manufacturer's name or code name	LN-1
	Product name	Clad Butt Hinge Casement
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-17
12	Certification agency	AAMA
	Manufacturer's name or code name	LN-1
	Product name	Clad Casement Mull w/DP50 Upgrade
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-17

Impact Resistance:

System	Impact Resistant	Requirement
1-12	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

Systems 1-11: 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 fin is secured to the all framing using minimum 2" long smooth shank roofing nails w/ a 0.12" (11-gauge) diameter shaft and 0.39" head. Locate the nails approximately 7" from each corner and 7" on center along the perimeter. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

System 12: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using galvanized steel installation clips. Clips must be minimum 11" long, 1-1/2" wide, 20-gauge galvanized steel. Clips are secured to the window frame using two minimum No. 8 x 1" SS PH screws and to the wall framing using two minimum 2-1/2" long common nails. Locate the clips approximately 4" from each corner and one at the mid-span along the side jambs and two clips at the head and sill of the mull location spaced approximately 4" on each side of the mull seam. 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 and the IBC