

Product Evaluation

WIN996 | 0521

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-996

Effective Date: May 1, 2021

Re-evaluation Date: May 2025

Product Name: Aluminum Clad Wood Half Round Single Hung 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	Clad Wood Half Round SH Windows w/ Concealed Jambliners & Narrow Rails	LC-PG50 (37 x 81)-H (MODIF)	+50 / -50 psf
2	Clad Wood Half Round SH Windows w/ Concealed Jambliners & Narrow Rails	LC-PG25 (45 x 93)-H	+25 / -25 psf
3	Clad Wood Half Round SH Windows w/ Concealed Jambliners & Narrow Rails	LC-PG35 (37 x 81)-H	+35 / -35 psf
4	Clad Wood Half Round SH Windows w/ Standard Jambliners & Narrow Rails	LC-PG50 (37 x 81)-H (MODIF)	+50 / -50 psf
5	Clad Wood Half Round SH Windows w/ Standard Jambliners & Narrow Rails	LC-PG25 (45 x 93)-H	+25 / -25 psf

General Description:

System	Description	Label Rating	Design Pressure Rating
6	Clad Wood Half Round SH Windows w/ Standard Jambliners & Narrow Rails	LC-PG35 (37 x 81)-H	+35 / -35 psf
7	Clad Wood Half Round SH Windows w/ Concealed Jambliners & Wide Rails	LC-PG50 (37 x 81)-H (MODIF)	+50 / -50 psf
8	Clad Wood Half Round SH Windows w/ Concealed Jambliners & Wide Rails	LC-PG25 (45 x 93)-H	+25 / -25 psf
9	Clad Wood Half Round SH Windows w/ Concealed Jambliners & Wide Rails	LC-PG35 (37 x 81)-H	+35 / -35 psf
10	Clad Wood Half Round SH Windows w/ Standard Jambliners & Wide Rails	LC-PG50 (37 x 81)-H (MODIF)	+50 / -50 psf
11	Clad Wood Half Round SH Windows w/ Standard Jambliners & Wide Rails	LC-PG25 (45 x 93)-H	+25 / -25 psf
12	Clad Wood Half Round SH Windows w/ Standard Jambliners & Wide Rails	LC-PG35 (37 x 81)-H	+35 / -35 psf

Product Dimensions:

System	Overall Size	Top Sash Size	Bottom Sash Size
1, 3-4, 6-7, 9-10, 12	37-3/8" x 80-1/2"	34-1/2" x 39-1/4"	34-1/2" x 39-7/16"
2, 5, 8, 11	45-3/8" x 92-1/2"	42-1/2" x 45-1/4"	42-1/2" x 45-7/16"

Product Identification (Certification Label on Window):

System		
1-3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	Clad Half Round SH w/ Concealed Jambliner & Narrow Rail
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
4-6	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	Clad Half Round SH w/ Standard Jambliner & Narrow Rail
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
7-9	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	Clad Half Round SH w/ Concealed Jambliner & Wide Rail
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Product Identification (Certification Label on Window):

System		
10-12	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	Clad Half Round SH w/ Standard Jambliner & Wide Rail
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

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, 4, 7, 10: 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 wall framing with 2" long smooth shank roofing nails (0.12" shaft diameter and a 0.39" head). Locate the fasteners approximately 7" from each corner and 7" on center along the perimeter of the window. In addition, secure galvanized steel installation clips (20-gauge x 1-1/2" x 11") to the head and side jambs. Secure the clips to the window frame with two No. 7 x 3/4" screws and to the wall framing with two 8d smooth shank x 2-1/2" common wire nails. Locate the clips approximately 3" from each corner, one at the check rail location, and one at the midspan of the head. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Systems 2-3, 5-6, 8-9, 11-12: 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 wall framing with 2" long smooth shank roofing nails (0.12" shaft diameter and a 0.39" head). Locate the fasteners approximately 7" from each corner and 7" on center along the perimeter of the window. 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.