

## Product Evaluation

WIN1162 | 0722

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-1162

**Effective Date:** July 1, 2022

**Re-evaluation Date:** February 2026

**Product Name:** Aluminum Clad Wood Double Hung Windows w/ Concealed or Standard Jambliners, Narrow or Wide Rails, Individual and Twin Mulled, Non-Impact Resistant

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

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Clad Wood DH Windows; Narrow Rails and Concealed Jambliners; X/X	LC-PG50 (37 x 81)-H (MODIF)	+50 / -50 psf
2	Clad Wood DH Windows; Narrow Rails and Concealed Jambliners; X/X	LC-PG30 (45 x 93)-H	+30 / -30 psf
3	Clad Wood DH Windows; Narrow Rails and Concealed Jambliners; X/X	LC-PG35 (37 x 81)-H	+35 / -35 psf
4	Clad Wood DH Windows; Narrow Rails and Standard Jambliners; X/X	LC-PG50 (37 x 81)-H (MODIF)	+50 / -50 psf
5	Clad Wood DH Windows; Narrow Rails and Standard Jambliners; X/X	LC-PG25 (45 x 93)-H	+25 / -25 psf

**General Description:**

System	Description	Label Rating	Design Pressure Rating
6	Clad Wood DH Windows; Narrow Rails and Standard Jambliners; X/X	LC-PG35 (37 x 81)-H	+35 / -35 psf
7	Clad Wood DH Windows; Wide Rails and Concealed Jambliners; X/X	LC-PG50 (37 x 81)-H	+50 / -50 psf
8	Clad Wood DH Windows; Wide Rails and Concealed Jambliners; X/X	LC-PG30 (45 x 93)-H	+30 / -30 psf
9	Clad Wood DH Windows; Wide Rails and Concealed Jambliners; X/X	LC-PG35 (37 x 81)-H	+35 / -35 psf
10	Clad Wood DH Windows; Wide Rails and Standard Jambliners; X/X	LC-PG50 (37 x 81)-H	+50 / -50 psf
11	Clad Wood DH Windows; Wide Rails and Standard Jambliners; X/X	LC-PG30 (45 x 93)-H	+30 / -30 psf
12	Clad Wood DH Windows; Wide Rails and Standard Jambliners; X/X	LC-PG35 (37 x 81)-H	+35 / -35 psf
13	Clad Twin DH Windows; Narrow Rails and Concealed Jambliners; X/X X/X	R-PG35 (75 x 81)-H	+35 / -35 psf
14	Clad Twin DH Windows; Wide Rails and Concealed Jambliners; X/X X/X	R-PG50 (75 x 81)-H	+50 / -50 psf
15	Clad Twin DH Windows; Wide Rails and Standard Jambliners; X/X X/X	R-PG50 (75 x 81)-H	+50 / -50 psf
16	Clad Twin DH Windows; Wide Rails and Standard Jambliners; X/X X/X	R-PG35 (75 x 81)-H	+35 / -35 psf
17	Clad Quantum Double Hung; X/X	LC-PG25 54x96-H	+25/-25 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 39-9/16"	34-1/2" x 39-11/16"
2, 5, 8, 11	45-3/8" x 92-1/2"	42-1/2" x 45-5/8"	42-1/2" x 45-13/16"
13-16	74-3/4" x 80-1/2"	34-1/2" x 39-9/16" (2)	34-1/2" x 39-11/16" (2)
17	56" x 96"	51-3/4" x 46-3/4"	51-3/4" x 47-3/4"

**Product Identification (Certification Label on Window):**

System		
1-3, 13	Certification Agency	AAMA
	Code Name	LN-1
	Product Name	Clad DH w/ Concealed Jambliner & Narrow Rails
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 450 (System 13)

**Product Identification (Certification Label on Window)-Continued:**

System		
4-6	Certification Agency	AAMA
	Code Name	LN-1
	Product Name	Clad DH w/ Standard Jambliner & Narrow Rails
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
7-9, 14	Certification Agency	AAMA
	Code Name	LN-1
	Product Name	Clad DH w/ Concealed Jambliner & Wide Rails
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 450 (System 14)
10-12, 15-16	Certification Agency	AAMA
	Code Name	LN-1
	Product Name	Clad DH w/ Standard Jambliner & Wide Rails
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 450 (Systems 15-16)
17	Certification Agency	AAMA
	Code Name	LN-1
	Product Name	Clad Quantum Double Hung
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

System	Impact Resistant	Requirement
1-17	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 an applied nailing fin. The nailing fin is secured to the wall framing with minimum 2" long smooth shank nails (0.12" diameter shaft and a 0.39" diameter head). Locate the fasteners approximately 7" from each corner and spaced 7" on center. In addition, installation clips (galvanized steel, 20-gauge, 11" long x 1-1/2" wide) are required along the head and each frame side jamb. Secure the clips to the window frame with two No. 7 x 3/4" SS PH screws and to the wall framing with two (2) 8d smooth shank x 2-1/2" common wire nails. Locate the clips approximately 3" from each corner and one at the check rail location. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

**Systems 2-3, 5-6, 8-9, 11-13, 16:** The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using the applied nailing fin. The nailing fin is secured to the wall framing with minimum 2" long smooth shank nails (0.12" diameter shaft and a 0.39" diameter head). Locate the fasteners approximately 7" from

each corner and spaced 7" on center. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

**Systems 14-15:** 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 nailing fin. The nailing fin is secured to the wall framing with minimum 2" long smooth shank nails (0.12" diameter shaft and a 0.39" diameter head). Locate the fasteners approximately 7" from each corner and spaced 7" on center. In addition, installation clips (galvanized steel, 20-gauge, 11" long x 1-1/2" wide) are required along the head and each frame side jamb. Secure the clips to the window frame with two No. 7 x 3/4" SS PH 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 mid span, and 3" on either side of the vertical mullion at the head and the sill. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

**System 17:** 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 flange. The nailing flange is secured to the wall framing with minimum 2" long smooth shank nails (0.12" diameter shaft and a 0.39" diameter head). Locate the fasteners approximately 7" from each corner and spaced 7" on center through the pre-punched slots.

**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.