

Product Evaluation

WIN642 | 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-642

Effective Date: May 1, 2021

Re-evaluation Date: May 2025

Product Name: WV Clad Wood Double Hung Windows, Individual or Twin Mulled, 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	Twin DH Window w/ Concealed Jambliners & Narrow Rails; X X X X	R-PG50 (75 x 81)-H	+50 / -50 psf
2	Twin DH Window w/ Concealed Jambliners & Narrow Rails; X X X X	R-PG35 (75 x 81)-H	+35 / -35 psf
3	Twin DH Window w/ Standard Jambliners & Narrow Rails; X X X X	R-PG50 (75 x 81)-H	+50 / -50 psf
4	Twin DH Window w/ Standard Jambliners & Narrow Rails; X X X X	R-PG35 (75 x 81)-H	+35 / -35 psf
5	Twin DH Window w/ Concealed Jambliners & Wide Rails; X X X X	R-PG50 (75 x 81)-H	+50 / -50 psf

General Description:

System	Description	Label Rating	Design Pressure Rating
6	Twin DH Window w/ Concealed Jambliners & Wide Rails; X/X X/X	R-PG35 (75 x 81)-H	+35 / -35 psf
7	Twin DH Window w/ Standard Jambliners & Wide Rails; X/X X/X	R-PG50 (75 x 81)-H	+50 / -50 psf
8	Twin DH Window w/ Standard Jambliners & Wide Rails; X/X X/X	R-PG35 (75 x 81)-H	+35 / -35 psf
9	Individual DH Window w/ Concealed Jambliners & Narrow Rails; X/X	LC-PG25 (45 x 93)-H	+25 / -25 psf
10	Individual DH Window w/ Concealed Jambliners & Narrow Rails; X/X	LC-PG35 (37 x 81)-H	+35 / -35 psf
11	Individual DH Window w/ Concealed Jambliners & Narrow Rails; X/X	LC-PG50 (37 x 81)-H	+50 / -50 psf
12	Individual DH Window w/ Standard Jambliners & Narrow Rails; X/X	LC-PG25 (45 x 93)-H	+25 / -25 psf
13	Individual DH Window w/ Concealed Jambliners & Narrow Rails; X/X	LC-PG35 (37 x 81)-H	+35 / -35 psf
14	Individual DH Window w/ Concealed Jambliners & Narrow Rails; X/X	LC-PG50 (37 x 81)-H	+50 / -50 psf
15	Individual DH Window w/ Concealed Jambliners & Wide Rails; X/X	LC-PG25 (45 x 93)-H	+25 / -25 psf
16	Individual DH Window w/ Concealed Jambliners & Wide Rails; X/X	LC-PG35 (37 x 81)-H	+35 / -35 psf
17	Individual DH Window w/ Concealed Jambliners & Wide Rails; X/X	LC-PG50 (37 x 81)-H	+50 / -50 psf
18	Individual DH Window w/ Standard Jambliners & Wide Rails; X/X	LC-PG25 (45 x 93)-H	+25 / -25 psf
19	Individual DH Window w/ Standard Jambliners & Wide Rails; X/X	LC-PG35 (37 x 81)-H	+35 / -35 psf
20	Individual DH Window w/ Standard Jambliners & Wide Rails; X/X	LC-PG50 (37 x 81)-H	+50 / -50 psf

Product Dimensions:

System	Overall Size	Top Sash Size	Bottom Sash Size
1-8	74-3/4" x 80-1/2"	34-1/2" x 39-9/16"	34-1/2" x 39-11/16"
9, 12, 15, 18	45-3/8" x 92-1/2"	42-1/2" x 45-5/8"	42-1/2" x 45-13/16"
10-11, 13-14, 16-17, 19-20	37-3/8" x 80-1/2"	34-1/2" x 39-9/16"	34-1/2" x 39-11/16"

Product Identification (Certification Label on Window):

System		
1-2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	WV DH Twin w/ Concealed Jambliner & Narrow Rails
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 450
3-4, 12-14	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	WV DH w/ Standard Jambliner & Narrow Rails
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 450 (Systems 3-4)
5-6, 15-17	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	WV DH w/ Concealed Jambliner & Wide Rails
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 450 (Systems 5-6)
7-8, 18-20	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	WV DH w/ Standard Jambliner & Wide Rails
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 450 (Systems 7-8)
9-11	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	WV DH w/ Concealed Jambliner & Narrow Rails
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1-20	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

Systems 1, 3, 5, 7, 11, 14, 17, 20: 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 minimum 2" long smooth shank nails (0.12" diameter shaft and a 0.39" diameter head). Locate the fasteners approximately 5" from each corner and spaced 5" on center through the pre-punched slots along the perimeter. In addition, installation clips (galvanized steel, 20-gauge, 11" long x 1-1/2" wide) are required along the head and each 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 check rail location, and one at the mid span of the head. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

Systems 2, 4, 6, 8-10, 12-13, 15-16, 18-19: 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 5" from each corner and spaced 5" on center through the pre-punched slots along the perimeter. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall 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.