

## Product Evaluation

WIN661 | 0421

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-661

**Effective Date:** April 1, 2021

**Re-evaluation Date:** April 2025

**Product Name:** Aluminum Clad Wood Double Hung Studio 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 Double Hung Studio Windows w/ Narrow Rails	CW-PG35 (79 x 93)-FW	+35 / -35 psf
2	Clad Wood Double Hung Studio Windows w/ Narrow Rails	CW-PG50 (77 x 81)-FW	+50 / -50 psf
3	Clad Wood Double Hung Studio Windows w/ Wide Rails	CW-PG35 (79 x 93)-FW	+35 / -35 psf
4	Clad Wood Double Hung Studio Windows w/ Wide Rails	CW-PG50 (77 x 81)-FW	+50 / -50 psf

**Product Dimensions:**

System	Overall Size	Fixed Sash Size
1, 3	78-3/4" x 92-1/2"	76" x 90-1/4"
2, 4	77-3/8" x 80-1/2"	74-5/8" x 78-1/4"

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

System		
1-2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	Clad DH Studio w/ Narrow Rails
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
3-4	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	Clad DH Studio w/ Wide Rails
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

System	Impact Resistant	Requirement
1-4	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation:**

System			
1, 3	Type of Installation	Nail Fin Installation	
	Wall Framing	Spruce-Pine-Fir dimension lumber	
	Fasteners	2" long smooth shank roofing nails with a 0.12" diameter shaft and a 0.39" head	
	Fastener Location/Spacing	7" from each corner and 7" on center along the perimeter	
	Fastener Penetration	Minimum of 1-1/2" into the wall framing	
2, 4	Type of Installation	Nail Fin and Clip Installation Clip: 20 Ga x 1-1/2" x 11"	
	Wall Framing	Spruce-Pine-Fir dimension lumber	
	Fasteners	Nail Fin	2" long smooth shank roofing nails with a 0.12" diameter shaft and a 0.39" head
		Clips	Window frame: two No. 7 x 3/4" screws Wall framing: two 2-1/2" roofing nails
	Fastener Location/Spacing	Nail Fin	7" from each corner and 7" on center along the perimeter
		Clips	3" from each corner and one at the midspan along the head and side jambs
Fastener Penetration	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.