



Product Evaluation

WIN1225 | 0216

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-1225

Effective Date: July 1, 2015

Revised: February 1, 2016

Re-evaluation Date: May 2018

Product Name: WV Wood Casement Studio Picture Windows, 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	WV Wood Casement Studio Picture Windows	LC-PG65 77 x 77-FW Missile Level D	+65 / -65 psf
2	WV Wood Casement Studio Picture Windows	LC-PG65 74 x 29-FW Missile Level D	+65 / -65 psf

Product Dimensions:

System	Overall Size	Sash Size
1	77" x 77"	75" x 75"
2	74" x 29"	72" x 27"

Product Identification (Certification Agency Label on Window):

System		
1, 2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	WV Casement Studio
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 506-06; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation:

System 1: Fasten the window to minimum Southern Yellow Pine dimension lumber using the integral vinyl nailing flange at the head and side jambs of the window frame. Secure the nailing flange to the wall framing with minimum 12-gauge (0.122" smooth shank roofing nails. Locate the fasteners approximately 8" from each corner and approximately 8" on center. Installation clips (minimum 20-gauge, 10-3/4" long x 1-1/2" wide galvanized steel) are required at the head and side jambs spaced approximately 2" from each corner and approximately 15-21" on center. The installation clips are secured to the window frame with two No. 7 x 3/4" SS PH screws and to the wall framing with two 6d x 2-1/2" long common wire nails. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing. The sill is set in a continuous bed of sealant.

System 2: Fasten the window to minimum Southern Yellow Pine dimension lumber using the integral vinyl nailing flange at the head and side jambs of the window frame. Secure the nailing flange to the wall framing with minimum 12-gauge (0.122" smooth shank roofing nails. Locate the fasteners approximately 7" from each corner and approximately 7" on center. Installation clips (minimum 20-gauge, 10-3/4" long x 1-1/2" wide galvanized steel) are required at the head jamb spaced approximately 3" from each corner and approximately 17" on center and at the side jambs spaced 3" from each corner. The installation clips are secured to the window frame with two No. 7 x 3/4" SS PH screws and to the wall framing with two 6d x 2-1/2" long common wire nails. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing. The sill is set in a continuous bed of sealant.

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, IBC, and the Texas Revisions.