



Product Evaluation

WIN1171 | 1014

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-1171

Effective Date: October 1, 2014

Re-evaluation Date: March 2017

Product Name: WV Wood Casement Window, Impact Resistant

Manufacturer: Lincoln Wood Products, Inc.
1400 W. Taylor Street
Merrill, Wisconsin 54452
(715) 536-2461

General Description:

System	Description	Label Rating	Design Pressure Rating
1	WV (Vinyl) Wood Casement Window; (X)	C-LC50 37 x 77 Missile Level D	± 50 psf

Product Dimensions:

System	Overall Size
1	37" x 77"

Product Identification (Certification Agency Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	Lincoln Wood Products, Inc.
	Product Name	WV Casement
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05; AAMA 506-06; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	No	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone. The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

Installation:

System		
1	Type of Installation	Replacement – Through Frame
	Wall Framing	Minimum Southern Yellow Pine lumber.
	Fasteners	Secure the nailing flange to the wall framing with minimum 2" long roofing nails (minimum 12-gauge smooth shank diameter). Secure Brickmold to head and jamb with #8 x 3" galvanized PFH screws. Attach masonry clips to window frame with two (2) #6 x 3/4" PFH screws and to the wood framing with two (2) 1-1/2" long nails.
	Fastener Location/Spacing	Install the window utilizing the integral flange at the head, sill, and jambs with nails approximately 7" from the corner and 7" on center. Secure Brickmold at the head and jamb with screws spaced 3" from corners and 8"-12" on center. Space masonry clips approximately 3" from each corner and 26" at the side jambs and 3" from each corner at the head.
	Fastener Penetration	Use fasteners that are long enough to penetrate a minimum of 1-1/2" into the wall-framing members.

Note: The manufacturer's installation instructions must be available on the job site during installation. Use corrosion resistant fasteners as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.