

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION

WIN-721

Effective Date: April 1, 2014

Reevaluation Date: **July 2014**

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.

Aluminum Clad Wood Casement Window, Impact Resistant, manufactured by

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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Aluminum Clad Wood Casement Window; (X)	LC-PG50 37 x 77 AAMA 506-06	±50 psf

Product Dimensions:

System	Overall Size	Sash Size
1	37" x 77"	35" x 74 ⁷ / ₈ "

Product Identification (Certification Agency Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN
	Product Name	Aluminum Clad Wood Casement
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05 AAMA 506-06

Impact Resistance:

Impact Resistant	Requirement
Yes	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: The window shall be fastened to minimum Southern Yellow Pine lumber using the nailing flange at the head, sill, and side jambs of the window frame and with masonry clips. Corner gusset plates are utilized at each corner of the nailing flange and are sealed to the flange. The nailing flange shall be secured to the wall framing with 2 inch long roofing nails (minimum $\frac{1}{8}$ " smooth shank diameter). The fasteners shall be spaced a maximum of 7 inches from each corner and approximately 7 inches on center. Masonry clips are secured to the window frame with two (2) No. 6 x $\frac{3}{4}$ " screws per clip and are secured to the wall framing with two roofing nails (minimum $\frac{1}{8}$ " smooth shank diameter). Along the head and sill, a masonry clip is required approximately 2 inches from each corner and one at the mid span. Along each jamb, a masonry clip is required approximately 2 inches from each corner and approximately 18 inches on center. All fasteners shall be long enough to penetrate a minimum of $1\frac{1}{2}$ " into the wall framing members. The nailing flange is silicone sealed to the window frame.

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