

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION

WIN-996

Effective Date: May 1, 2012

Reevaluation Date: **September 2015**

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 Half Round Single Hung Windows, Non-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 Half Round Single Hung Window; (O/X)	H-R35 45 x 81	+35/-35
2	Aluminum Clad Wood Half Round Single Hung Window; (O/X)	H-R50 37 x 77	+50/-505

Product Dimensions:

System	Overall Size	Bottom Sash Size	Fixed Daylight Opening Size
1	45 $\frac{3}{8}$ " x 80 $\frac{1}{2}$ "	42 $\frac{1}{2}$ " x 39 $\frac{5}{8}$ "	44 $\frac{3}{16}$ " x 35 $\frac{1}{16}$ "
2	37 $\frac{3}{8}$ " x 76 $\frac{1}{2}$ "	34 $\frac{1}{2}$ " x 37 $\frac{5}{8}$ "	31 $\frac{3}{16}$ " x 33 $\frac{1}{16}$ "

Product Identification (Certification Agency Label on Window):

System		
1-2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	Clad Half Round SH
	Test Standards	AAMA/NWWDA 101/I.S.2-97

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation:

System 1: The wall framing shall be minimum Spruce-Pine-Fir dimension lumber. The window shall be secured to the wall framing using the nailing flange of the window frame with minimum 2" long smooth shank roofing nails (minimum 12 gauge). The fasteners shall be spaced approximately 8 inches from each corner and approximately 8 to 10 inches on center along the perimeter of the window. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing members.

System 2: The wall framing shall be minimum Spruce-Pine-Fir dimension lumber. The window shall be secured to the wall framing using the nailing flange of the window frame and with installation clips. The nailing flange shall be secured to the wall framing with minimum 2" long roofing nails (minimum 12 gauge smooth shank diameter). The fasteners shall be spaced approximately 8 inches from each corner and approximately 10 inches on center along the perimeter of the window. The installation clips (minimum 20 gauge galvanized steel; 1.5" x 7.0") are located approximately 3 inches from each corner and at the mid span of each side jamb and two (2) along the radius head, evenly spaced. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing members.

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) and the International Building Code (IBC) and the Texas Revisions.