

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION

WIN-541

Effective Date: March 1, 2013
Reevaluation Date: **February 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.

Integrity Fiberglass Clad Wood Casement Windows, Non-impact Resistant, manufactured by

Integrity from Marvin Windows and Doors
1320 9th Street NE
West Fargo, North Dakota 58078
Telephone: (800) 587-2712

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Fiberglass Clad Wood Casement Windows	LC-PG50 24" x 71" C-LC50 24" x 71"	± 50 psf
2	Fiberglass Clad Wood Casement Windows	LC-PG50 28" x 71" C-LC50 28" x 71"	± 50 psf
3	Fiberglass Clad Wood Casement Windows	LC-PG50 29" x 71" C-LC50 29" x 71"	± 50 psf
4	Fiberglass Clad Wood Casement Windows	LC-PG50 36" x 39" C-LC50 36" x 39"	± 50 psf
5	Fiberglass Clad Wood Casement Windows	LC-PG50 36" x 63" C-LC50 36" x 63"	± 50 psf
6	Fiberglass Clad Wood Casement Windows	LC-PG50 36" x 71.13" C-LC50 36" x 71.13"	± 50 psf

Product Dimensions:

System	Overall Size	Sash Size
1	24" x 71 1/8"	22 5/16" x 69 7/16"
2	28" x 71 1/8"	26 5/16" x 69 7/16"
3	29" x 71 1/8"	27 5/16" x 69 7/16"
4	36" x 39 1/8"	34 5/16" x 37 7/16"
5	36" x 63 1/8"	34 5/16" x 61 7/16"
6	36" x 71 1/8"	34 5/16" x 69 7/16"

Product Identification (Certification Agency Label on Window):

System		
1-6	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Integrity from Marvin Windows and Doors
	Product Name	Integrity Casement
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05; AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

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

Installation: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using the nailing fin. The nailing fin is secured to the wall framing with minimum 11 gauge roofing nails (minimum 2" long smooth shank) spaced approximately 6 inches from each corner and approximately 8 inches on center along perimeter of the window. 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), the International Building Code (IBC), and the Texas Revisions.