

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION

WIN-1636

Effective Date: May 1, 2014

Reevaluation Date: **April 2017**

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 Double Hung Picture 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 Double Hung Picture Windows	LC-PG40 53.5" x 75.75"	+40/-50 psf
2	Fiberglass Clad Wood Double Hung Picture Windows	LC-PG50 53.5" x 75.75"	+50/-50 psf
3	Fiberglass Clad Wood Double Hung Picture Windows	LC-PG40 61.5" x 63.75"	+40/-50 psf
4	Fiberglass Clad Wood Double Hung Picture Windows	LC-PG50 61.5" x 63.75"	+50/-50 psf

Product Dimensions:

System	Overall Size	Sash Size
1	53.50" x 75.75"	50.94" x 72.94"
2	53.50" x 75.75"	50.94" x 72.94"
3	61.50" x 63.75"	58.94" x 60.94"
4	61.50" x 63.75"	58.94" x 60.94"

Product Identification (Certification Agency Label on Window):

System	Certification Agency	WDMA
1, 3	Manufacturer's Name or Code Name	Integrity from Marvin Windows and Doors
	Product Name	Integrity Double Hung Picture
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11; AAMA/WDMA/CSA 101/I.S.2/A440-08

Product Identification (Certification Agency Label on Window) - Continued:

System		
2, 4	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Integrity from Marvin Windows and Doors
	Product Name	Integrity Double Hung Picture HP
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11; 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 Southern Yellow Pine dimension lumber. The nailing flange 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 the side jambs and the head of the window. In addition, each side jamb is secured to the wall framing with No. 8 x 3" screws, located approximately 3 inches from each corner and one at the mid span. A minimum 3/4" x 3-3/4" wood strip is placed over the nailing flange along the side jambs and head and is secured to the wall framing with minimum No. 8 x 2-1/2" screws located approximately 12 to 14 inches on center. The fasteners shall be long enough to penetrate a minimum of 1 1/2 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.