

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-1618

Effective Date: June 1, 2012

Reevaluation Date: **April 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.

Fiberglass Round Top and Insert Round Top Windows, Non-impact Resistant, manufactured by

Infinity from Marvin Windows and Doors
 1512 9th Street NE
 West Fargo, North Dakota 58078
 Telephone: (800) 372-1072

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Fiberglass Round Top Windows	CW-PG50 84 x 84 FW-C50 84 x 84	± 50 psf
2	Fiberglass Insert Round Top Windows	CW-PG50 84 x 84 FW-C50 84 x 84	± 50 psf

Product Dimensions:

System	Overall Size	Daylight Opening Size
1	83" x 83 ½"	79 ¼" x 79 ¾"
2	83 ¼" x 83 ¾"	79 ¼" x 79 ¾"

Product Identification (Certification Agency Label on Window):

System	Certification Agency Label on Window	
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Infinity from Marvin Windows and Doors
	Product Name	Infinity Round Top
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05; AAMA/WDMA/CSA 101/I.S.2/A440-08

System	Certification Agency Label on Window	
2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Infinity from Marvin Windows and Doors
	Product Name	Infinity Insert Round Top
	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:

System 1: The wood wall framing members shall be minimum Spruce-Pine-Fir lumber. The window assembly is secured to the wall framing using the nailing flange. The nailing flange is secured to the wall framing with minimum 2" long, 11 gauge, smooth shank roofing nails. The fasteners are spaced approximately 4 inches from each corner and approximately 8 inches on center along perimeter of the window. All fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing members.

System 2: The wood wall framing members shall be minimum Spruce-Pine-Fir lumber. The window assembly is secured to the wall framing using the window frame. The window frame is secured to the wall framing with minimum No. 8 x 3" screws spaced approximately 4 inches from each corner and 36 inches on center along the perimeter of the window. In addition, an exterior wood (SPF) stop, nominal 1" x 1" is secured to the wall framing with brad nails located 12 inches from each corner and 16 inches on center. All 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.