

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION

WIN-465

Effective Date: August 1, 2013

Reevaluation Date: **September 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.

Clad Ultimate and Wood Ultimate Direct Glaze Wood Windows, Non-Impact Resistant,
manufactured by

Marvin Windows and Doors

P.O. Box 100

Highway 11 West

Warroad, Minnesota 56763-0100

Telephone: (218) 386-4021

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Clad Ultimate Direct Glaze Window	CW-PG55 84 x 96 FW-C55 84 x 96	± 55 psf
2	Wood Ultimate Direct Glaze Window	CW-PG55 84 x 96 FW-C55 84 x 96	± 55 psf

Product Dimensions:

System	Overall Size
1	84" x 86"
2	84" x 96"

Product Identification (Certification Agency Label on Window):

System	Certification Agency	WDMA
1	Manufacturer's Name or Code Name	Marvin Windows and Doors
	Product Name	Clad Direct Glaze
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05; AAMA/WDMA/CSA 101/I.S.2/A440-08
	Certification Agency	WDMA
2	Manufacturer's Name or Code Name	Marvin Windows and Doors
	Product Name	Wood Direct Glaze
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05; AAMA/WDMA/CSA 101/I.S.2/A440-08
	Certification Agency	WDMA

Impact Resistance:

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

Installation:

System		
1-2	Type of Installation	Replacement Construction – Frame
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No. 8 x 2 ½ " screws
	Fastener Location/Spacing	Along each side jamb, approximately 6 inches from each corner and 15 inches on center
	Fastener Penetration	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.