

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION

WIN-438

Effective Date: July 1, 2012

Reevaluation Date: **October 1, 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.

Aluminum Clad Wood Ultimate Double Hung Picture Window, Non-Impact Resistant, manufactured by

Marvin Windows and Doors

P.O. Box 100

Highway 11 West

Warroad, Minnesota 56763

Telephone: (218) 386-4021

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Ultimate Aluminum Clad Wood Double Hung Picture Window	CW-PG40 69 x 80	± 40

Product Dimensions:

System	Overall Size
1	69" x 80"

Product Identification:

System	Certification Agency	WDMA
1	Manufacturer's Name or Code Name	Marvin Windows and Doors 407-H-879
	Product Name	Clad Ultimate Double Picture
	Test Standards	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	Type of Installation	New Construction – Nailing Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	$\frac{1}{8}$ " diameter galvanized roofing nails
	Fastener Location/Spacing	Approximately 6 inches from each corner and approximately 8 inches on center along the perimeter
	Fastener Penetration	Minimum of $1\frac{1}{2}$ 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.