



Product Evaluation

WIN2115 | 0816

Engineering Services Program

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.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2115

Effective Date: August 1, 2016

Re-evaluation Date: August 2020

Product Name: Clad Ultimate Double Hung Picture Windows Next Generation, Non-Impact Resistant

Manufacturer: Marvin Windows and Doors
P.O. Box 100
Highway 11 West
Warroad, MN 56763
(218) 386-4021

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Clad Ultimate Double Hung Picture Windows Next Generation	CW-PG50 67.25 x 69.5	+50 / -50 psf
2	Clad Ultimate Double Hung Picture Windows Next Generation	CW-PG50 61.25 x 103.5	+50 / -50 psf

Product Dimensions:

System	Overall Size	Sash Size
1	67-1/4" x 69-1/2"	65-1/2" x 67-1/16"
2	61-1/4" x 103-1/2"	59-1/2" x 101-1/16"

Product Identification (Certification Label on Door):

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

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System 1: Secure the assembly to minimum Spruce-Pine-Fir dimension lumber wall framing. The assembly frame head, sill, and side jambs are secured to the wall framing using the nail flange with minimum 11-gauge smooth shank roofing nails. Locate the fasteners approximately 4" from each corner and 8" on center. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

System 2: Secure the assembly to minimum Spruce-Pine-Fir dimension lumber wall framing. The assembly frame head, sill, and side jambs are secured to the wall framing using the nail flange with minimum 11-gauge smooth shank roofing nails. Locate the fasteners approximately 4" from each corner and 8" on center. In addition, the frame head, sill, and side jambs are secured to the wall framing with minimum No. 8 x 3" wood screws located approximately 6" from each corner and 13" on center. In addition the sash frame is secured into the exterior aluminum covers with minimum No. 9 x 3" wood screws located approximately 4" from each corner and 18" on center. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Note: Keep the manufacturer's installation instructions at the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.