

Product Evaluation

WIN2648 | 1222

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-2648

Effective Date: December 1, 2022

Re-evaluation Date: November 2026

Product Name: Ultimate Prime Wood and Aluminum Clad Wood Fixed Polygon Casement Windows, Frame Installation, Non-Impact Resistant

Manufacturer: Marvin
 P.O. Box 100
 Highway 11 West
 Warroad, MN 56763
 218-386-4021

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Ultimate Clad Wood Stationary Polygon Casement Window; O	CW-PG50 (72 x 71.12)	+50 / -50 psf
2	Ultimate Clad Wood Stationary Polygon Casement Window; O	CW-PG50 (88 x 96.12)	+50 / -50 psf
3	Ultimate Prime Wood Stationary Polygon Casement Window; O	CW-PG50 (72 x 72.06)	+50 / -50 psf
4	Ultimate Prime Wood Stationary Polygon Casement Window; O	CW-PG50 (88 x 97.06)	+50 / -50 psf

General Description:

System	Description	Label Rating	Design Pressure Rating
5	Ultimate Clad Wood Stationary Polygon Casement Window; O (Narrow Frame Option)	CW-PG50 (64 x 96.12)	+50 / -50 psf
6	Ultimate Prime Wood Stationary Polygon Casement Window; O	CW-PG50 (64 x 97.12)	+50 / -50 psf

Product Dimensions:

System	Overall Size	Sash Size	Fixed Sash Daylight Opening Size
1	72" x 71-1/4"	70-1/2" x 69-3/4"	66-1/4" x 65-3/8"
2	88" x 96-1/8"	86-5/16" x 94-7/16"	82-1/4" x 90-3/8"
3	72" x 72-1/16"	70-5/16" x 69-7/16"	66-1/2" x 65-3/8"
4	88" x 97-1/16"	86-5/16" x 94-7/16"	82-1/4" x 90-3/8"
5	64" x 96-1/8"	62-5/16" x 94-7/16"	59-1/8" x 90-5/16"
6	64" x 97-1/8"	62-5/16" x 94-7/16"	59-1/8" x 90-5/16"

Product Identification (Certification Label on Window):

System		
1-2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin
	Product Name	UL CSMNT STAT POLY
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
3-4	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin
	Product Name	UL WD CSMNT STAT POLY
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
5	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin
	Product Name	UL CSMNT NF STAT POLY or UL CSMNT STAT POLY
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11,17
6	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin
	Product Name	UL WD CSMNT STAT POLY
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11, 17

Compliance: The products comply with AAMA/WDMA/CSA 101/I.S.2/A440-17 as referenced in the 2018 IRC and 2018 IBC.

Impact Resistance:

System	Impact Resistant	Requirement
1-6	No	These products have not been tested for windborne debris resistance. An impact protection system is required when installing this product in areas where windborne debris protection is required.

Installation:

System		
1-6	Type of Installation	Screw Through Frame
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8 x 3" screws
	Fastener Location/Spacing	4" from each corner and 15" (max.) on center
	Fastener Penetration	Minimum of 1-1/2" into the wall framing

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.