

## Product Evaluation

WIN1289 | 1022

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-1289

**Effective Date:** October 1, 2022

**Re-evaluation Date:** October 2026

**Product Name:** Ultimate Prime Wood and Aluminum Clad Wood Round Top Casement Windows, Full Frame and Narrow Frame, Fin and 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 Casement Windows; X	CW-PG50 (40 x 71.12)	+50 / -50 psf
2	Ultimate Prime Wood Casement Windows; X	CW-PG50 (40 x 72.06)	+50 / -50 psf
3	Ultimate Clad Wood Casement Windows; X	CW-PG50 (36 x 96.12)	+50 / -50 psf
4	Ultimate Prime Wood Casement Windows; X	CW-PG50 (36 x 97.06)	+50 / -50 psf
5	Ultimate Clad Wood Casement Windows; X	CW-PG50 (40 x 92)	+50 / -50 psf

**General Description (Continued):**

System	Description	Label Rating	Design Pressure Rating
6	Ultimate Prime Wood Casement Windows; X	CW-PG50 (40 x 92.06)	+50 / -50 psf

**Product Dimensions:**

System	Overall Size	Operable Sash Size
1	40" x 71-1/8"	38-5/16" x 69-7/16"
2	40" x 72-1/16"	38-3/8" x 69-7/16"
3	36" x 96"	34-3/8" x 94-7/16"
4	36" x 97-1/16"	34-3/8" x 95-3/8"
5	40" x 92"	38-3/8" x 90-3/8"
6	40" x 92-1/16"	38-3/8" x 90-3/8"

**Product Identification (Certification Label on Window):**

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

**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	Type of Installation	Nail Fin Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8 x 3" screws (roto-operator) No. 8 Pan or Wafer head screws (fin)
	Fastener Location/Spacing	Roto-Operator: two screws through each Fin: 6" from each corner and 8" on center
	Fastener Penetration	Minimum of 1-1/2" into the wall framing
2	Type of Installation	Brickmould Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8 x 3" screws (roto-operator) 16d (3-1/2") nails (brickmould casing)
	Fastener Location/Spacing	Roto-Operator: two screws through each Brickmould casing: 6" from each corner and 6" from each jamb to radius joint. Space the remainder of the nails 10" on center
	Fastener Penetration	Minimum of 1-1/2" into the wall framing
3-6	Type of Installation	Frame Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8 x 3" screws (frame head/sill/jamb) No. 10 x 3" screws (hinges)
	Fastener Location/Spacing	Head/Sill/Side Jamb: 4" from each corner and 15" (max.) on center Hinges: one through each hinge
	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.