

Product Evaluation

WIN1265 | 0822

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-1265

Effective Date: August 1, 2022

Re-evaluation Date: August 2026

Product Name: Ultimate Wood Awning Windows, Non-Impact Resistant

Manufacturer: Marvin
P.O. Box 100
Highway 11 West
Warroad, MN 56763
(800) 346-5044

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Ultimate Wood Awning Windows	LC-PG50 (48 x 48.06)	+50 / -50 psf
2	Ultimate Wood Awning Windows	LC-PG50 (56 x 48.06)	+50 / -50 psf
3	Ultimate Wood Awning Windows	LC-PG50 (40 x 48.06)	+50 / -50 psf
4	Ultimate Wood Awning Windows	LC-PG50 (48 x 72.06)	+50 / -50 psf
5	Ultimate Wood Awning Windows	LC-PG50 (72 x 72.06)	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operable Sash Size
1	48" x 48-1/16"	46-5/16" x 45-7/16"
2	56" x 48-1/16"	54-5/16" x 45-7/16"
3	40" x 48-1/16"	38-5/16" x 45-7/16"

Product Dimensions (Continued):

System	Overall Size	Operable Sash Size
4	48" x 72-1/16"	46-5/16" x 69-7/16"
5	72" x 72-1/16"	70-5/16" x 69-7/16"

Product Identification (Certification Label on Window):

System		
1-5	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin
	Product Name	UL WD AWN
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

Impact Resistance:

System	Impact Resistant	Requirement
1-5	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:**Option 1:**

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The assembly is secured to the wall framing using the brickmould. The brickmould is secured with 3" long casing nails. The fasteners are located approximately 4" from each corner and 8" on center along the sill, head, and each side jamb. The roto gear at the sill is secured with No. 8 x 3" screws. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Option 2:

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The assembly is secured to the wall framing using the assembly frame. The assembly frame is secured with No. 8 x 3" long screws. The fasteners are located approximately 4" from each corner and 15" on center along the sill, head, and each side jamb. The roto gear at the sill is secured with No. 8 x 3" long screws. 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 available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.