



# Product Evaluation

WIN1128 | 0916

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-1128

**Effective Date:** September 1, 2016

**Re-evaluation Date:** August 2019

**Product Name:** Clad Ultimate Awning Window, Clad Ultimate Replacement Awning Window, 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 Replacement Awning and Clad Ultimate Awning	LC-PG50 48 x 47.13	+50 / -50 psf
2	Clad Ultimate Replacement Awning and Clad Ultimate Awning	LC-PG50 40 x 47.13	+50 / -50 psf
3	Clad Ultimate Replacement Awning and Clad Ultimate Awning	LC-PG50 56 x 47.13	+50 / -50 psf
4	Clad Ultimate Replacement Awning and Clad Ultimate Awning	LC-PG50 72 x 63.13	+50 / -50 psf
5	Clad Ultimate Awning	CW-PG50 48 x 72	+50 / -50 psf
6	Clad Ultimate Awning	LC-PG40 72 x 72	+40 / -40 psf

**Product Dimensions:**

System	Overall Size	Sash Size
1	48" x 47-1/8"	46-5/16" x 45-7/16"
2	40" x 47-1/8"	38-5/16" x 45-7/16"
3	56" x 47-1/8"	54-5/16" x 45-7/16"
4	72" x 63-1/8"	70-5/16" x 61-7/16"
5	48" x 72"	46-5/16" x 70-7/16"
6	72" x 72"	70-5/16" x 70-7/16"

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

System		
1, 2, 3, 4	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin Windows and Doors
	Product Name	C Ultimate Replacement Awning
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
5, 6	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin Windows and Doors
	Product Name	Clad Ultimate Awning
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

System	Impact Resistant	Requirement
1-6	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation:**

System		
1, 2, 3, 4	Type of Installation	Frame
	Wall Framing	Spruce-Pine-Fir Dimension lumber
	Fasteners	Minimum No. 8 x 3" screws
	Fastener Location/Spacing	<u>Side Jambs:</u> Located approximately 4" from each corner and 15" on center. <u>Head:</u> One at the mid span. <u>Sill:</u> Approximately 1" from each corner.
	Fastener Penetration	Minimum 1-1/2" into the wall framing

**Installation (Continued):**

System		
5, 6	Type of Installation	Frame
	Wall Framing	Spruce-Pine-Fir Dimension lumber
	Fasteners	Minimum No. 8 x 3" screws
	Fastener Location/Spacing	<u>Side Jambs:</u> Located approximately 4" from each corner and 15" on center. <u>Head and Sill:</u> One at the mid span and approximately 6" from each corner.
	Fastener Penetration	Minimum 1-1/2" into the wall framing

**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.