



# Product Evaluation

WIN1057 | 0216

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-1057

**Effective Date:** February 1, 2016

**Re-evaluation Date:** November 2018

**Product Name:** Clad Wood Ultimate Glider Windows, Non-Impact Resistant

**Manufacturer:** Marvin Windows and Doors  
P.O. Box 100  
Highway 11 West  
Warroad, MN 56763-0100  
(218) 386-4021

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Clad Wood Ultimate Glider Windows; XX	LC-PG50 71.5 X 53.5 HS-LC50 71.5 x 53.5	+50 / -50 psf
2	Clad Wood Ultimate Glider Windows; XO, OX	LC-PG50 71.5 X 59.5 HS-LC50 71.5 x 59.5	+50 / -50 psf
3	Clad Wood Ultimate Glider Windows; XX	LC-PG35 71.5 X 71.5 HS-LC35 71.5 x 71.5	+35 / -35 psf
4	Clad Wood Ultimate Glider Windows; XO, OX	LC-PG40 71.5 X 71.5 HS-LC40 71.5 x 71.5	+40 / -40 psf
5	Clad Wood Ultimate Glider Windows; XOX	LC-PG35 119.5 X 71.5 HS-LC35 119.5 x 71.5	+35 / -35 psf

**Product Dimensions:**

System	Overall Size	Operable Sash Size	Fixed Panel Size
1	71-1/2" x 53-1/2"	35-1/4" x 50-1/4"	N/A
2	71-1/2" x 59-1/2"	35-1/4" x 56-1/4"	35-1/4" x 56-1/4"
3	71-1/2" x 71-1/2"	35-1/4" x 68-1/4"	N/A
4	71-1/2" x 71-1/2"	35-1/4" x 68-1/4"	35-1/4" x 68-1/4"
5	119-1/2" x 71-1/2"	29-1/4" x 68-1/4"	61-7/8" x 68-1/4"

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

System		
1, 2, 3, 4, 5	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin Windows and Doors
	Product Name	Clad Ultimate Glider
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; AAMA/WDMA/CSA 101/I.S.2/A440-05

**Impact Resistance:**

System	Impact Resistant	Requirement
1, 2, 3, 4, 5	No	Provide an impact protective system when installing the product in areas that require windborne debris protection

**Installation:**

**Systems 1-4:** Use minimum Spruce-Pine-Fir dimension lumber. Secure the assembly to the wall framing using the nailing fin with minimum 11-gauge smooth shank roofing nails. Space the fasteners approximately 8" to 10" on center along the perimeter of the window. In addition, secure the assembly frame to the wall framing with minimum No. 8 x 3" screws. Along the side jambs, locate the fasteners 6" from each corner and one at the mid span. Along the head and the sill, one fastener is located at the mid span. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

**System 5:** Use minimum Spruce-Pine-Fir dimension lumber. Secure the assembly to the wall framing using the nailing fin with minimum 11-gauge smooth shank roofing nails. Space the fasteners approximately 8" to 10" on center along the perimeter of the window. In addition, secure the assembly frame to the wall framing with minimum No. 8 x 3" screws. Along the side jambs, locate the fasteners 6" from each corner and one at the mid span. Along the head and the sill, two fasteners are required, one located at each of the meeting stiles. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

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