



# Product Evaluation

WIN1592 | 1015

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-1592

**Effective Date:** October 1, 2015

**Re-evaluation Date:** May 2019

**Product Name:** Wood Ultimate Glider Windows, 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	Wood Ultimate Glider Windows	LC-PG50 71.5 x 60.6 HS-LC50 71.5 x 60.6	+50 / -50 psf
2	Wood Ultimate Glider Windows	LC-PG40 71.5 x 72.6 HS-LC40 71.5 x 72.6	+40 / -40 psf
3	Wood Ultimate Glider Windows	LC-PG35 119.5 x 72.6 HS-LC35 119.5 x 72.6	+35 / -35 psf

### Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Glass Daylight Opening Size
1	71-1/2" x 60-1/16"	35-1/4" x 56-1/4"	31-1/4" x 52-3/4"
2	71-1/2" x 72-1/16"	35-1/4" x 68-1/4"	31-1/4" x 64-3/4"
3	119-1/2" x 72-1/16"	Two: 29-1/4" x 68-1/4"	57-1/2" x 64-3/4"

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

System		
1, 2, 3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin Windows and Doors
	Product Name	Wood 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	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation:**

**Systems 1 and 2:** Secure the window to minimum Spruce-Pine-Fir dimension lumber wall framing. Secure the brickmould to the wall framing with minimum 3" long x 0.120" smooth shank nails. Locate the fasteners approximately 6" from each corner and 10" on center along the perimeter. In addition, secure the window frame to the wall framing with minimum No. 8 x 3" flat head screws. At the head and sill, locate the fasteners at the mid span. At each side jamb, locate the fasteners approximately 6" from each corner and one at the mid span. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

**System 3:** Secure the window to minimum Spruce-Pine-Fir dimension lumber wall framing. Secure the brickmould to the wall framing with minimum 3" long x 0.120" smooth shank nails. Locate the fasteners approximately 6" from each corner and 10" on center along the perimeter. In addition, secure the window frame to the wall framing with minimum No. 8 x 3" flat head screws. At the head and sill, locate the fasteners at each meeting stile. At each side jamb, locate the fasteners approximately 6" from each corner and one at the mid span. The 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 at the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.