



# Product Evaluation

WIN942 | 0816

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-942

**Effective Date:** August 1, 2016

**Re-evaluation Date:** March 2019

**Product Name:** Wood Ultimate Double Hung Transom Windows, Frame Installation, 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 Double Hung Transom Windows	LC-PG55 73.38 x 25.38 Missile Level D	+55 / -55 psf

### Product Dimensions:

System	Overall Size	Sash Size
1	73-3/8" x 25-3/8"	70-1/2" x 22-3/16"

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

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin Windows and Doors
	Product Name	Wood Ultimate Double Hung Transom
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E 1886-02/05, ASTM E 1986-02/05, Missile Level D

**Impact Resistance:**

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

**Installation (One of the following):**

**Frame with Screws:** Secure the assembly to minimum Southern Yellow Pine dimension lumber wall framing. The assembly frame head and side jambs are secured to the wall framing with minimum No. 8 x 2-1/2" wood screws. Locate the fasteners approximately 6" from each corner and 15" on center. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

**Frame with Steel Brackets:** Secure the assembly to minimum Southern Yellow Pine dimension lumber wall framing. The assembly frame head, sill, and side jambs are secured to the wall framing with galvanized steel brackets (0.050" x 1-1/2" x 6-1/2"). Each clip is secured to the assembly frame with two No. 8 x 5/8" screws and to the wall framing with two No. 8 screws. Locate the clips approximately 6" from each corner and 15" on center along the head and sill and 6" on center along each side jamb. 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.