

Product Evaluation

WIN2687 | 0122

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-2687

Effective Date: January 1, 2022

Re-evaluation Date: April 2023

Product Name: Ultimate Prime Wood and Aluminum Clad Wood Fixed Direct Glaze Transom Windows, Frame Installation, Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Ultimate Clad Wood Direct Glaze Transom	CW-PG55 (48 x 120) Missile Level D	+55 / -65 psf
2	Ultimate Prime Wood Direct Glaze Transom	CW-PG55 (73 x 73.94) Missile Level D	+55 / -65 psf
3	Ultimate Clad Wood Direct Glaze Transom	CW-PG55 (73 x 73) Missile Level D	+55 / -65 psf

Product Dimensions:

System	Overall Size	Fixed Sash Daylight Opening Size
1	48" x 120"	44-1/16" x 116-1/16"
2	73" x 73-15/16"	69-1/16" x 69-1/16"
3	73" x 73"	69-1/16" x 69-1/16"

Product Identification (Certification Label on Window):

System		
1, 3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin
	Product Name	UL DIR GLZ TR IZ3
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,11 ASTM E1886/E1996-02,05; Missile Level D
2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin
	Product Name	UL WD DIR GLZ TR IZ3
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,11 ASTM E1886/E1996-02,05; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-3	Yes	These products satisfy TDI's criteria for protection from windborne debris. 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 for System 1):

System		
1, 3	Type of Installation	Frame Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8 x 2-1/2" screws
	Fastener Location/Spacing	6" from each corner and 15" on center along the side jambs
	Fastener Penetration	Minimum of 1-1/2" into the wall framing
1-2	Type of Installation	Frame-Bracket Installation (1-9/16" x 6" x 0.050")
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Window Frame: two No. 8 x 5/8" screws Wall Framing: No. 8 screws
	Fastener Location/Spacing	6" from each corner and 15" on center along the side jambs
	Fastener Penetration	Minimum of 1-1/2" into the wall framing

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.