TDI Texas Department of Insurance

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Product Evaluation

WIN980 | 0422

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-980

Effective Date:April 1, 2022Re-evaluation Date:April 2026

Product Name: Custom Collection Aluminum Clad Wood Double Hung Transom Windows, Fin Installation, Impact Resistant

Manufacturer: JELD-WEN Windows and Doors Research and Development 3737 Lakeport Blvd. Klamath Falls, OR 97601 (541) 850-2650

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Custom Collection Aluminum Clad Wood Double Hung Transom; O	R-PG50 (49.375 x 48)-TR Missile Level D	+50 / -65 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	49-1/2" x 48-1/16"	47-1/2" x 45-3/8"	43-5/16" x 41-9/16"

Product Identification (Certification Label on Window):

System		
	Certification Agency	WDMA
	Manufacturer's Name or Code Name	JELD-WEN Windows & Doors
	Product Name	Custom Clad Impact Double Hung
1		Transom
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17
		ASTM E1886-13a/E1996-14
		Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	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:

System			
1	Type of Installation	Nailing Fin Installation	
	Wall Framing	all Framing Douglas Fir dimension lumber	
	Fasteners	Minimum No. 8 Philips flat head screws	
	Fastener Location/Spacing	Approximately 4" from each corner and	
		approximately 16" on center along the perimeter	
	Fastener Penetration	Minimum 1-1/2" into the wall framing	

Installation:

System		
1	Type of Installation	Frame Installation
	Wall Framing	Douglas Fir dimension lumber
	Fasteners	Minimum No. 8 x 2-1/2" Philips flat head screws
	Fastener Location/Spacing	Approximately 4" from each corner and 8" on center along the perimeter
	Fastener Penetration	Minimum 1-1/2" into the wall framing
1	Type of Installation	Frame: Masonry Straps Installation
		(16-gauge x 1-1/2" x 6" galvanized steel)
	Wall Framing	Douglas Fir dimension lumber
	Fasteners	Window frame: four No. 7 x 3/4" PFH screws
		Wall framing: four minimum No. 8 x 1-5/8" PFH screws.
	Fastener Location/Spacing	Approximately 4" from each corner and 15" on center
		along the perimeter
	Fastener Penetration	Minimum 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.