

Product Evaluation

DR699 | 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: DR-699**Effective Date:** April 1, 2022**Re-evaluation Date:** September 2023

Product Name: Custom 2-1/4" Aluminum Clad Wood Glazed Outswing Hinged Patio Doors,
Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Custom 2-1/4" Aluminum Clad Wood Outswing Hinged Door	MST: 177.1875 x 122.125 Missile Level D	+55 / -65 psf

Possible Configurations:

- French Doors with fixed door and operable door (OXXX, XXXO)
- French Doors with two fixed doors (OXXO)
- French Doors with one fixed door (OXX, XXO)
- Single Door with two fixed doors (OXO)
- French Doors (XX)
- French Doors with radius half round or radius sector top (XX)

- Single Door (X)
- Single Door with radius half round or radius sector top (X)

Product Dimensions:

System	Overall Size	Operable Panel Size	Max. Panel Daylight Opening Size
1	177-3/16" x 122"	41-7/8" x 119-7/8"	37-3/8" x 108-5/8"

Components and Hardware:

System	Component	Quantity	Attachment Method
1	4.5" Butt Hinges	4	Install hardware in accordance with drawing No. JW024, dated December 17, 2012. Revision A dated May 12, 2020. Signed and sealed by Hermes F. Norero, P.E on May 28, 2020.
	Ashland 3-point locking system	1	
	Latch and deadbolt strike plate	1 each	
	Shoot Bolt strike plate	1	

Product Identification (Certification Label on Door):

System		
1	Certification agency	WDMA
	Manufacturer's name or code name	JELD-WEN Windows & Doors
	Product name	Custom Clad Impact Outswing 2 1/4 Door
	Test standards	ASTM E330-02 ASTM E1886-05/E1996-06 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	Install in accordance with drawing No. JW024, dated December 17, 2012. Revision A dated May 12, 2020. Signed and sealed by Hermes F. Norero, P.E on May 28, 2020.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	

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.