TDI | Texas Department of Insurance

PO Box 149104 | Austin, TX 78714 | 1-800-578-4677 | tdi.texas.gov

Product Evaluation

DR700 | 0121

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-700

Effective Date: January 1, 2021
Re-evaluation Date: January 2025

Product Name: Custom Aluminum Clad Wood Glazed Outswing Side Hinged Doors, Impact Resistant

Manufacturer: JELD-WEN Windows & Doors
62845 Boyd Acres Road
Bend, OR 97701
(800) 547-6880

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Custom Clad Outswing French Door; XX	LC-PG50 (75.1875 x 98.125)-SHD Missile Level D	+50 / -50 psf
2	Custom Clad Outswing Fixed Transom; O	LC-PG50 (75.1875 x 30)-TR Missile Level D	+50 / -50 psf
3	Custom Clad Outswing Fixed Door/Sidelite; O	LC-PG50 (38 x 98.125)-SHD Missile Level D	+50 / -50 psf
4	Custom Clad Outswing French Door w/ Sidelites; OXXO	See Note 1 (153.1875 x 98.125) Missile Level D	+50 / -50

Note 1: Each operable door, fixed door/sidelite, and transom in the mulled assembly must bear the label as specified in Systems 1-3.

General Description (Continued):

System	Description	Label Rating	Design Pressure Rating
5	Custom Clad Outswing French Door w/ Sidelites & Transoms; OOO/OXXO	See Note 1 (153.1875 x 129.125) Missile Level D	+50 / -50 psf

Note 1: Each operable door, fixed door/sidelite, and transom in the mulled assembly must bear the label as specified in Systems 1-3.

Product Dimensions:

System	Overall Size	Panel/ Sash Size	Maximum Glass Daylight Opening Size
1	75.25" x 98.25"	36.25" x 96"	26.50" x 84.625"
2	75.276" x 30.039"	72.992" x 27.913"	68.583" x 23.583"
3	38.110" x 98.189"	35.827" x 95.827"	31.181" x 84.685"
4	153.1875" x 98.125"	Operable Panel: 36.25" x 96" Fixed Panel: 35.827" x 27.913"	Operable Panel: 26.50" x 84.625" Fixed Panel: 31.181" x 84.685"
5	153.1875" x 129.125"	Operable Panel: 36.25" x 96" Fixed Panel: 35.827" x 95.827" Transom: 72.992" x 27.913"	Operable Panel: 26.50" x 84.625" Fixed Panel: 31.181" x 84.685" Transom: 68.583" x 23.583"

Hardware:

System	Component	Quantity	Attachment Method
1-5	4" Butt Hinges	3 per door panel	Install hardware in accordance with JELD-WEN drawing No. JW025, dated April 10, 2012. Signed and sealed by Hermes F. Norero, P.E. on May 29, 2020
	Ashland 3-Point Multi-Point Lock	1	
	Shoot Bolts	2	

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	JELD-WEN Windows & Doors
	Product Name	Custom Clad Impact Outswing French Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E 1886-13a, ASTM E 1996-14a, Missile Level D
2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	JELD-WEN Windows & Doors
	Product Name	Custom Clad Impact Outswing Fixed Transom
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E 1886-13a, ASTM E 1996-14a, Missile Level D

Product Identification (Certification Agency Label on Door) - continued:

System		
3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	JELD-WEN Windows & Doors
	Product Name	Custom Clad Impact Outswing Fixed Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E 1886-13a, ASTM E 1996-14a, Missile Level D
4-5	Certification Agency	WDMA
	Manufacturer's Name or Code Name	JELD-WEN Windows & Doors
	Product Name	See Note 1 under General Description
	Test Standards	

Impact Resistance:

System	Impact Resistant	Requirement
1-5	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.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations specified in this report.

Installation:

System		
1-5	Type of Installation	Install in accordance with JELD-WEN drawing No. JW025, dated April 10, 2012. Signed and sealed by Hermes F. Norero, P.E. on May 29, 2020.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	

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.