

Product Evaluation

DR852 | 0222

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-852

Effective Date: February 1, 2022

Re-evaluation Date: February 2026

Product Name: JELD-WEN Opaque Steel Side Hinged Doors, Inswing and Outswing, Singles, with or without Sidelites, and Doubles, Non-Impact Resistant

Manufacturer: Endura Products, Inc
8811 West Market Street
Colfax, NC 27235
(336) 668-2472

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 6'-8" Single Door; X	Inswing: +35 / -35 psf Outswing: +40 / -40 psf	TX-4639
2	3'-0" x 6'-8" Single Door w/ Sidelites; OXO	Inswing: +35 / -35 psf Outswing: +40 / -40 psf	TX-4640
3	6'-0" x 6'-8" Double Door; XX	Ultimate Hurricane Astragal Inswing: +50 / -55 psf Outswing: +55 / -55 psf Ultimate Multipoint Astragal Inswing: +65 / -65 psf Outswing: +45 / -45 psf	TX-4641

General Description:

System	Description	Label Rating	Drawing Number
4	3'-0" x 8'-0" Single Door; X	Inswing: +45 / -50 psf Outswing: +40 / -40 psf	TX-4642
5	3'-0" x 8'-0" Single Door w/ Sidelites; OXO	Inswing: +45 / -50 psf Outswing: +40 / -40 psf	TX-4643
6	6'-0" x 8'-0" Double Door; XX	Ultimate Hurricane Astragal +45 / -45 psf Ultimate Multipoint Astragal Inswing: +40 / -45 psf Outswing: +35 / -35 psf	TX-4644

Product Dimensions:

System	Overall Size	Operable Panel Size	Sidelite Panel Daylight Opening Size
1	37-1/2" x 82"	35-3/4" x 79-1/4"	N/A
2	112-1/4" x 82"	35-3/4" x 79-1/4"	21" x 63"
3	74" x 82"	35-3/4" x 79-1/4"	N/A
4	37-1/2" x 98"	35-3/4" x 95-1/4"	N/A
5	112-1/4" x 98"	35-3/4" x 95-1/4"	21-1/8" x 79-1/8"
6	74" x 98"	35-3/4" x 95-1/4"	N/A

Components and Hardware:

System	Component	Quantity	Attachment Method
1-2, 4-5	Hinges	3 (6'8" doors) 4 (8'0" doors)	Install hardware in accordance with drawing No. TX-4639, TX-4640, TX-4642, and TX-4643, dated October 27, 2016. Revision 1 dated November 10, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on January 10, 2022.
	Latch: Kwikset Signature Series (991) Deadbolt: Kwikset Signature Series (980/985)	1 each	
	Latch and Deadbolt strike plate	1 each	
3, 6	Hinges	3 (6'8" doors) 4 (8'0" doors)	Install hardware in accordance with drawing No. TX-4641 and TX-4644, dated October 27, 2016. Revision 2 dated November 10, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on January 10, 2022.
	Latch: Kwikset Signature Series (991) Deadbolt: Kwikset Signature Series (980/985)	1 each	
	Latch and Deadbolt strike plate	1 each	
	Astragal strike plate	1	

Product Identification (Manufacturer Label on Door):

System		
1-2, 4-5	Manufacturer's name	Endure Products, Inc.
	Product name	JELD-WEN Opaque Steel Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Single and Single w/ Sidelites
	Test standards	ASTM E330-14
3, 6	Manufacturer's name	Endura Products, Inc.
	Product name	JELD-WEN Opaque Steel Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Double
	Test standards	ASTM E330-14

Impact Resistance:

System	Impact Resistant	Requirement
1-6	Yes	Provide an impact protective system when installing the product in areas that require windborne debris

Installation:

System		
1-2, 4-5	Type of installation	Install in accordance with drawing No. TX-4639, TX-4640, TX-4642, and TX-4643, dated October 27, 2016. Revision 1 dated November 10, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on January 10, 2022.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	
3, 6	Type of installation	Install in accordance with drawing No. TX-4641 and TX-4644, dated October 27, 2016. Revision 2 dated November 10, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on January 10, 2022.
	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.