

Product Evaluation

DR234 | 0723

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-234**Effective Date:** July 1, 2023**Re-evaluation Date:** July 2027

Product Name: Contour Steel Wood Edge Glazed Inswing and Outswing Side Hinged Doors, with Sidelites, Impact Resistant

Manufacturer: JELD-WEN Windows & Doors
3737 Lakeport Blvd
Klamath Falls, OR 97601
(541) 850-2606

General Description:

System	Description	Label Rating	Design Pressure Rating
1	24 GA Steel Wood Edge Glazed Outswing Side Hinged Doors, with Sidelites; OXXO	Maximum Size Tested: 12'4" x 8'2" Missile Level D	+45 / -45 psf
2	24 GA Steel Wood Edge Glazed Inswing Side Hinged Doors, with Sidelites; OXXO	Maximum Size Tested: 12'4" x 8'2" Missile Level D	+45 / -45 psf

General Description:

System	Description	Label Rating	Design Pressure Rating
3	24 GA Steel Wood Edge Glazed Outswing Side Hinged Doors, with Sidelites; OXXO	Maximum Size Tested: 12'4" x 6'10" Missile Level D	+50 / -55 psf
4	24 GA Steel Wood Edge Glazed Inswing Side Hinged Doors, with Sidelites; OXXO	Maximum Size Tested: 12'4" x 6'10" Missile Level D	+50 / -55 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	148-3/8" x 96-3/4"	35-3/4" x 95-1/4"	20-1/2" x 78-5/8"
2	148-3/8" x 98"	35-3/4" x 95-1/4"	20-1/2" x 78-5/8"
3	148-3/8" x 80-3/4"	35-3/4" x 79-1/4"	20-1/2" x 62-5/8"
4	148-3/8" x 82"	35-3/4" x 79-1/4"	20-1/2" x 62-5/8"

Components and Hardware:

- **Hinges:**
 - **Systems 1-2:** Three required per door panel; secure to the door panel with four, No. 9 x 3/4" screws; secure to the doorjamb with two, No. 9 x 3/4" screws and two, No. 9 x 2-1/2" screws for the top hinge and four, No. 9 x 3/4" screws for the remaining hinges
 - **Systems 3-4:** Four required per door panel; secured to the door panel with four, No. 9 x 3/4" screws; secure to the doorjamb with two, No. 9 x 3/4" screws and two, No. 9 x 2-1/2" screws for the top hinge and four, No. 9 x 3/4" screws for the remaining hinges
- **Deadbolt and Lockset:**
 - Kwikset Series 400 Lockset; Kwikset Series 780 Deadbolt; both located on the active panel
- **Strike Plates:**
 - **Strike plate – Lockset:** One required; locate on the frame lock jamb; secure with two, No. 8 x 2" screws
 - **Strike plate – Deadbolt:** One required; locate on the frame lock jamb; secure with two, No. 8 x 2" screws
 - **Top Astragal strike plate:** One required; locate approximately mid-span of the frame head; secure with two, No. 8 x 2" screws
 - **Bottom astragal strike plate:** One required; located at approximately mid-span of the threshold; outswing secure with two, No. 8 x 3" screws; Inswing utilizes a plastic insert plug.

Threshold

- 1.375" high extruded aluminum inswing threshold with adjustable rise cap (Systems 1, 3)
- 1" high extruded aluminum standard bump face threshold (Systems 2, 4)

Product Identification (Certification Label on Door):

System		
1-4	Certification agency	NAMI
	Manufacturer's name or code name	JELD-WEN
	Product name	Contours Impact Glazed Inswing or Outswing 24 Gauge Steel Wood Edge Door w/ or w/o Impact Rated Sidelites
	Test standards	ASTM E330-02/E1886-05/E1996-05b Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-4	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.

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

Sidelites: Install sidelites with doors only.

Installation:

System		
1-4	Type of installation	Install in accordance with drawing No. A008273, dated October 3, 2012. Signed and sealed by Joseph A. Reed, P.E. on March 5, 2023.
	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.