TDI | Texas Department of Insurance

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Product Evaluation

DR1137 | 0621

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-1137

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

Product Name: Architectural Series Fiberglass Side Hinged Doors, Glazed or Opaque, Inswing and Outswing, Impact Resistant

Manufacturer: JELD-WEN Windows & Doors
North Springfield Plant
36 Precision Dr., Suite 130
North Springfield, VT 05150
(800) 535-3936

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Glazed, Inswing, Side Hinged Door with Sidelites (OXO)	Max. Size 6'10" (72x82) Missile Level D	+50 / -55 psf
2	Glazed, Inswing, Side Hinged Door with Sidelites (OXO)	Max. Size 8'2" (78x98) Missile Level D	+50 / -55 psf
3	Opaque, Inswing, Side Hinged Door with Sidelites (OXO)	Max. Size 6'10" (72x82) Missile Level D	+50 / -55 psf
4	Opaque, Inswing, Side Hinged Door with Sidelites (OXO)	Max. Size 8'0" (78x98) Missile Level D	+50 / -55 psf

General Description (continued):

System	Description	Label Rating	Design Pressure Rating
5	Glazed, Outswing, Side Hinged Door with Sidelites; Standard Sill (OXO)	Max. Size 6'10" (72x82) Missile Level D	+50 / -55 psf
6	Glazed, Outswing, Side Hinged Door with Sidelites; Standard Sill (OXO)	Max. Size: (72 x 96) Missile Level D	+50 / -50 psf
7	Opaque, Outswing, Side Hinged Door with Sidelites; Standard Sill (OXO)	Max. Size 8'0" (78 x 98) Missile Level D	+50 / -55 psf
8	Opaque, Outswing, Side Hinged Door with Sidelites; Standard Sill (OXO)	Max. Size 8'0" (78 x 98) Missile Level D	+50 / -55 psf
9	Glazed, Outswing, Side Hinged Door with Sidelites; High Dam Sill (OXO)	Max. Size 6'10" (72 x 82) Missile Level D	+50 / -55 psf
10	Glazed, Outswing, Side Hinged Door with Sidelites; High Dam Sill (OXO)	Max. Size: (72 x 96) Missile Level D	+50 / -50 psf
11	Opaque, Outswing, Side Hinged Door with Sidelites; Standard Sill (OXO)	Max. Size: 6'8" (72 x 80) Missile Level D	+50 / -50 psf
12	Opaque, Outswing, Side Hinged Door with Sidelites; Standard Sill (OXO)	Max. Size: 7'11" Missile Level D (78 x 95)	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Panel Daylight Opening Size
1	71-15/16" x 81-11/16"	35-5/8" x 78-13/16"	Door: 21-1/16" x 63-1/16" Sidelite: 7-1/16" x 63" (2)
2	78-1/8" x 97-13/16"	41-11/16" x 94-15/16"	Door: 21-1/16" x 63-1/16" Sidelite: 7-1/16" x 63" (2)
3	71-15/16" x 81-11/16"	35-5/8" x 78-13/16"	Door: N/A Sidelite: 7-1/16" x 63" (2)
4	78-1/8" x 97-13/16"	41-11/16" x 94-15/16"	Door: N/A Sidelite: 7-1/16" x 63" (2)
5	72" x 80-5/16"	35-3/4" x 78-15/16"	Door: 21-1/8" x 63-1/8" Sidelite: 7-1/16" x 63-1/8" (2)
6	72-3/16" x 96-3/8"	35-3/4" x 95"	Door: 21-3/16" x 63-1/8" Sidelite: 7-1/16" x 63-1/8" (2)

Product Dimensions:

System	Overall Size	Operable Panel Size	Panel Daylight Opening Size
7	72" x 80-5/16"	35-3/4" x 78-15/16"	Door: N/A Sidelite: 7-1/16" x 63-1/8" (2)
8	78-1/4" x 95-5/16"	41-11/16" x 94-15/16"	Door: N/A Sidelite: 7-1/16" x 63-1/8" (2)
9	72-3/8" x 80-7/16"	35-3/4" x 78-15/16"	Door: 21-1/8" x 63-1/8" Sidelite: 7-1/16" x 63-1/16" (2)
10	72-3/16" x 96-3/8"	35-3/4" x 95-1/8"	Door: 21-1/8" x 63-1/8" Sidelite: 7-1/16" x 63-1/8" (2)
11	72-3/8" x 80-7/16"	35-3/4" x 78-15/16"	Door: N/A Sidelite: 7-1/16" x 63-1/8" (2)
12	78-3/16" x 95-5/16"	41-11/16" x 95-1/16"	Door: N/A Sidelite: 7-1/16" x 63-1/16" (2)

Components and Hardware:
Systems 1-12:

- **Vantage Point Hinges:** secure to the door panel with four (4) No. 9 x 3/4" PFH screws and to the door jamb with three (3) No. 9 x 3/4" and one (1) No. 9 x 2-1/2" PFH screw.
    - Three required for Systems 1, 3
    - Four required for Systems 2, 4-12
- **Kwikset Latch and Deadbolt (minimum Grade 1):** one each required; secure with two (2) No. 8 x 2" SFH screws
- **Kwikset Latch and Deadbolt Strike Plates:** one each required; secure with two (2) No. 8 x 2" SFH screws

Product Identification (Certification Label on Door):

System		
1-2, 5, 9	Certification agency	NAMI
	Manufacturer's name	JELD-WEN
	Product name	Architectural Glazed OS/IS Fiberglass Door w/ Sidelites (Standard or High Dam Sill)
	Test standards	ASTM E330-14/E1886-05,13a/E1996-09,12a,14a Missile Level D
3-4, 7-8	Certification agency	NAMI
	Manufacturer's name	JELD-WEN
	Product name	Architectural Opaque OS/IS Fiberglass Door w/ Sidelites (Standard Sill)
	Test standards	ASTM E330-14/E1886-05,13a/E1996-09,12a,14a Missile Level D

Product Identification (Certification Label on Door)-continued:

System		
6, 10	Certification agency	NAMI
	Manufacturer's name	JELD-WEN
	Product name	Architectural Glazed OS Fiberglass Door w/ Sidelites (Standard or High Dam Sill)
	Test standards	ASTM E330-14/E1886-05,13a/E1996-09,12a,14a Missile Level D
11-12	Certification agency	NAMI
	Manufacturer's name	JELD-WEN
	Product name	Architectural Opaque OS/IS Fiberglass Door w/ Sidelites (High Dam Sill)
	Test standards	ASTM E330-14/E1886-05,13a/E1996-09,12a,14a Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-12	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 JELD-WEN drawing ID No. H9982.09-301-47 R0, titled "Architectural Fiberglass Inswing OXO Full Lite," dated July 9, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	
2	Type of installation	Install in accordance with JELD-WEN drawing ID No. H9982.11-301-47 R0, titled "Architectural Fiberglass Inswing OXO Full Lite," dated July 9, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	
3	Type of installation	Install in accordance with JELD-WEN drawing ID No. H9982.10-301-47 R0, titled "Architectural Fiberglass Inswing OXO Opaque Impact," dated July 9, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	

Installation (continued):

System		
4	Type of installation Wall framing Fasteners Fastener location/spacing Fastener penetration	Install in accordance with JELD-WEN drawing ID No. H9982.12-301-47 R0, titled "Architectural Fiberglass Inswing OXO Opaque Impact," dated July 9, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
5	Type of installation Wall framing Fasteners Fastener location/spacing Fastener penetration	Install in accordance with JELD-WEN drawing ID No. H9984.05-301-47 R0, titled "Architectural Fiberglass Outswing, Full Lite, OXO Impact," dated May 3, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
6	Type of installation Wall framing Fasteners Fastener location/spacing Fastener penetration	Install in accordance with JELD-WEN drawing ID No. H9984.07-301-47 R0, titled "Architectural Fiberglass Outswing, Full Lite, OXO Impact," dated May 3, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
7	Type of installation Wall framing Fasteners Fastener location/spacing Fastener penetration	Install in accordance with JELD-WEN drawing ID No. H9984.06-301-47 R0, titled "Architectural Fiberglass Outswing OXO Impact," dated May 1, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
8	Type of installation Wall framing Fasteners Fastener location/spacing Fastener penetration	Install in accordance with JELD-WEN drawing ID No. H9984.08-301-47 R0, titled "Architectural Fiberglass Outswing OXO Impact," dated May 1, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
9	Type of installation Wall framing Fasteners Fastener location/spacing Fastener penetration	Install in accordance with JELD-WEN drawing ID No. H9983.04-301-47 R0, titled "Architectural Fiberglass Outswing, Full Lite OXO High Dam Sill, Impact," dated May 3, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
10	Type of installation Wall framing Fasteners Fastener location/spacing Fastener penetration	Install in accordance with JELD-WEN drawing ID No. H9983.03-301-47 R0, titled "Architectural Fiberglass Outswing, Full Lite OXO High Dam Sill, Impact," dated May 3, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.

Installation (continued):

System		
11	Type of installation	Install in accordance with JELD-WEN drawing ID No. H9983.02-301-47 R0, titled "Architectural Fiberglass Outswing OXO High Dam Sill, Impact," dated May 1, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	
12	Type of installation	Install in accordance with JELD-WEN drawing ID No. H9983.05-301-47 R1, titled "Architectural Fiberglass Outswing OXO High Dam Sill, Impact," dated May 1, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 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.