TDI | Texas Department of Insurance

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Product Evaluation

DR1138 | 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-1138

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

Product Name: Architectural Series Fiberglass Side Hinged Doors, Glazed and Opaque, Inswing and Outswing, Non-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 w/ Sidelites (OXO)	Max. Size: (72 x 82)	+50 / -55 psf
2	Glazed, Inswing Side Hinged Door w/ Sidelites (OXO)	Max. Size: (78 x 98)	+50 / -55 psf
3	Opaque, Inswing, Side Hinged Door w/ Sidelites (OXO)	Max. Size: (72 x 82)	+50 / -55 psf
4	Opaque, Inswing, Side Hinged Door w/ Sidelites (OXO)	Max. Size: (78 x 98)	+50 / -55 psf
5	Glazed, Outswing, Side Hinged Door w/ Sidelites; Standard Sill (OXO)	Max. Size: (72 x 82)	+50 / -55 psf

General Description (continued):

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

Component Dimensions:

System	Overall Size	Panel Size	Maximum 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	78-1/16" 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)
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 96-5/16"	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)

Component Dimensions:

System	Overall Size	Panel Size	Maximum Daylight Opening Size
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 96-5/16"	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" screws 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 No. 8 x 2" SFH screws
- **Kwikset Latch and Deadbolt Strike Plates:** one each required; secure with two No. 8 x 2" SFH screws

Product identification (certification agency label on door):

System		
1-12	Certification agency	NAMI
	Manufacturer's name	JELD-WEN, Inc.
	Product name	Architectural Glazed or Opaque Fiberglass Door w/ Sidelites (Standard or High Dam Sill)
	Test standards	ASTM E330-14

Impact Resistance:

System	Impact Resistant	Requirement
1-12	No	Provide an impact protective system when installing the product in areas that require windborne debris.

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 Light", dated April 24, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
	Wall framing	
	Fasteners	
	Fastener embedment	
	Fastener location/spacing	

Installation (continued):

System		
2	Type of installation Wall framing Fasteners Fastener embedment Fastener location/spacing	Install in accordance with JELD-WEN drawing ID No. H9982.11-301-47 R0, titled "Architectural Fiberglass Inswing OXO Full Light", dated April 24, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
3	Type of installation Wall framing Fasteners Fastener embedment Fastener location/spacing	Install in accordance with JELD-WEN drawing ID No. H9982.10-301-47 R0, titled "Architectural Fiberglass, OXO Inswing, Opaque", dated April 24, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
4	Type of installation Wall framing Fasteners Fastener embedment Fastener location/spacing	Install in accordance with JELD-WEN drawing ID No. H9982.12-301-47 R0, titled "Architectural Fiberglass, OXO Inswing, Opaque", dated April 24, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
5	Type of installation Wall framing Fasteners Fastener embedment Fastener location/spacing	Install in accordance with JELD-WEN drawing ID No. H9984.05-301-47 R0, titled "Architectural Fiberglass, Outswing Full Lite OXO Jamb to Jamb", dated April 27, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
6	Type of installation Wall framing Fasteners Fastener embedment Fastener location/spacing	Install in accordance with JELD-WEN drawing ID No. H9984.07-301-47 R0, titled "Architectural Fiberglass, Outswing Full Lite OXO Jamb to Jamb", dated April 27, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
7	Type of installation Wall framing Fasteners Fastener embedment Fastener location/spacing	Install in accordance with JELD-WEN drawing ID No. H9984.06-301-47 R0, titled "Architectural Fiberglass, Opaque Outswing OXO Jamb to Jamb", dated April 27, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
8	Type of installation Wall framing Fasteners Fastener embedment Fastener location/spacing	Install in accordance with JELD-WEN drawing ID No. H9984.08-301-47 R0, titled "Architectural Fiberglass, Opaque Outswing OXO Jamb to Jamb", dated April 27, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.

Installation (continued):

System		
9	Type of installation Wall framing Fasteners Fastener embedment Fastener location/spacing	Install in accordance with JELD-WEN drawing ID No. H9983.04-301-47 R0, titled "Architectural Fiberglass Outswing Full Lite High Dam OXO Jamb to Jamb", dated April 27, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
10	Type of installation Wall framing Fasteners Fastener embedment Fastener location/spacing	Install in accordance with JELD-WEN drawing ID No. H9983.03-301-47 R0, titled "Architectural Fiberglass Outswing Full Lite High Dam OXO Jamb to Jamb", dated April 27, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
11	Type of installation Wall framing Fasteners Fastener embedment Fastener location/spacing	Install in accordance with JELD-WEN drawing ID No. H9983.02-301-47 R0, titled "Architectural Fiberglass Opaque Outswing High Dam OXO Jamb to Jamb", dated April 27, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.
12	Type of installation Wall framing Fasteners Fastener embedment Fastener location/spacing	Install in accordance with JELD-WEN drawing ID No. H9983.05-301-47 R0, titled "Architectural Fiberglass Opaque Outswing High Dam OXO Jamb to Jamb", dated April 27, 2018. Signed and sealed by Joseph A. Reed, P.E. on December 29, 2020.

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.