

Product Evaluation

DR640 | 0820

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-640

Effective Date: August 1, 2020

Re-evaluation Date: August 2024

Product Name: Series "Aurora" Custom Fiberglass Outswing Side Hinged Doors, Model A5001 with A5701 Sidelites, Glazed or Opaque, Impact Resistant

Manufacturer: JELD-WEN Windows and Doors

3737 Lakeport Boulevard

Klamath Falls, OR 97601

(800) 535-3936

General Description:

System	Description	Label Rating	Design Pressure
1	Series "Aurora" Custom Fiberglass Side Hinged Doors; Glazed (OXXO)	MST: 10'4" x 8'2" Missile Level D	+50 / -50 psf
2	Series "Aurora" Custom Fiberglass Side Hinged Doors, Opaque (OXXO)	MST: 10'4" x 8'2" Missile Level D	+50 / -50 psf

Component Dimensions:

System	Overall Size	Panel Size	Maximum Daylight Opening Size
1	Outswing: 123-3/4" x 97-3/4"	Active: 41-15/16" x 96-1/16" Inactive: 42-1/8" x 96-1/16"	Door: 31-5/8" x 82-5/16" Sidelite: 9-13/16" x 81-7/8"
2	Outswing: 123-3/4" x 97-3/4"	Active: 41-15/16" x 96-1/16" Inactive: 42-1/8" x 96-1/16"	Door: N/A Sidelite: 9-13/16" x 81-7/8"

Components and Hardware:

System	Component	Quantity	Attachment Method
1	4.5" Hinge	4	Install hardware in accordance with JELD-WEN drawing "R&D AuSys5 IS&OS_5701SL," dated April 25, 2007. Revision 9 dated April 10, 2020. Signed and sealed by Hermes F. Norero, P.E. on July 15, 2020.
	Lock and deadbolt strike plate	1	
	Latch Set- Hoppe 3-point Lock Assembly	1 at active door	
	Shoot Bolts	2 per active panel	
	Flush Bolts	2 per inactive panel	

Product Identification (Certification Agency Label on Door):

System		
1	Certification agency	NAMI
	Manufacturer's name or code name	JELD-WEN, Inc.
	Product name	Aurora Custom Opaque or Glazed Outswing Fiberglass Door w/ or w/o Sidelites
	Test standards	ASTM E330-02/E1886-05/E1996-05 Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	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.

Acceptable Door Configurations: X, XO, OXO, XX, XXO, OXXO

Installation:

System		
1	Type of installation	Install in accordance with JELD-WEN drawing "R&D AuSys5 IS&OS_5701SL," dated April 25, 2007. Revision 9 dated April 10, 2020. Signed and sealed by Hermes F. Norero, P.E. on July 15, 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, the IBC, and the Texas Revisions.