

# TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104  
 Phone No. (512) 322-2212 Fax No. (512) 463-6693

**PRODUCT EVALUATION**  
 DR-640

Effective Date: August 1, 2013  
 Reevaluation Date: **September 2017**

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.

**Aurora Custom Fiberglass Outswing Doors, Models A5001, A362 and A1301/Speakeasy, with A5701 Sidelites, Impact Resistant,** manufactured by

**JELD-WEN Windows & Doors**  
 3737 Lakeport Blvd.  
 Klamath Falls, OR 97601  
 Telephone: (541) 882-3451, ext. 2900

**General Description:**

System	Description	Label Rating	Design Pressure Rating
1	Aurora Custom Fiberglass Entry Door with Sidelites; (OXXO)	Design Pressure: +50/-50 psf Maximum Overall Door Size Tested: 10'-4" x 8'-2"	± 50 psf

**Component Dimensions:**

System	Overall Size	Panel Size	Door Daylight Opening Size	Sidelite Panel Size	Sidelite Daylight Opening Size
1	123 1/2" x 97 3/4"	Two: 42" x 96"	Two: 32 5/8" x 82 3/16"	Two: 18" x 96"	Two: 12 1/2" x 82 3/16"

**Components and Hardware:**

System	Component	Quantity	Attachment Method
1	4 1/2" Butt Hinges	4	Secured to the door panel and frame or mull post with two (2) No. 10 x 1 1/2" screws (top and bottom holes) and two (2) No. 10 x 2" screws (two center holes).
	Lock and deadbolt strike plate	1 per lockset and deadbolt	Secured with four (4) No. 8 x 3" screws in each strike plate.
	Latch Set – Hoppe three point lock assembly	1 (active door)	Installed in accordance with Jeld-Wen installation instructions

**Components and Hardware (continued):**

System			
1	Shoot bolts	2 per active door panel	Installed in accordance with Jeld-Wen installation instructions
	Flush bolts	2 per inactive door panel	Installed in accordance with Jeld-Wen installation instructions

**Product Identification (Certification Agency Label on Door):**

System		
1	Certification Agency	Manufacturer Self-labeled
	Manufacturer's Name or Code Name	JELD WEN Windows and Doors
	Product Name	Aurora Custom Fiberglass Door
	Test Standards	ASTM E330-02; ASTM E 1886-05; ASTM E 1996-05

**Impact Resistance:**

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the <b>Inland I</b> and <b>Seaward zone</b> . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

**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	Door Frame		
	Wall Framing	Southern Pine		
	Fasteners	Minimum No. 10 Screws		
	Fastener Embedment	Minimum of 1 ½ inches into the wall framing		
	Fastener Location/Spacing	Head	Jambs: Screws located 2" from each corner and spaced a maximum of 16" o.c. thereafter. Head and sill: Screws located 6" from each end and spaced 6" thereafter. In addition, screws are located 3" from each side of the center mullion.	
		Sill		
		Side Jamb		
Hinges				

**Note:** The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.