



# Product Evaluation

DR672 | 0516

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-672

**Effective Date:** May 1, 2016

**Re-evaluation Date:** May 2020

**Product Name:** Premium Atlantic Vinyl (3100) Glazed Outswing Hinged Doors, Impact Resistant

**Manufacturer:** JELD-WEN Windows & Doors  
3737 Lakeport Blvd.  
Klamath Falls, OR 97601  
(800) 535-3936  
www.jeld-wen.com

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Premium Atlantic Vinyl (3100) Glazed Outswing Hinged Doors	Maximum Size Tested 3'0" x 8'0" Large Missile Impact Rated	+50 / -50 psf

### Product Dimensions:

System	Overall Size	Operable Panel Size	Panel Daylight Opening Size
1	36-1/4" x 95-1/2"	34" x 93"	24-1/4" x 83-1/4"

### Hardware:

- Hinges; three required; Secured to the door panel with four No. 8 x 1" screws. Secured to the door jamb with two No. 10 x 2" screws and two No. 8 x 1" screws.
- 3-point locking system; Hoppe; Located on the door panel stile.

**Hardware (Continued):**

- Latch and deadbolt strike plate; one required; Located on the door jamb; Secured with two No. 8 x 1-1/2" screws and one No. 8 x 1" screw.
- Shoot bolt strike plates; two required; Located at the head and the sill; Secured with two No. 8 x 3/4" screws

**Threshold:**

- Extruded aluminum; 0.970" high; snapped on top of the sill.

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

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	JELD-WEN Window Division
	Product Name	Premium Atlantic Vinyl 3100 Swinging Patio Door
	Test Standards	TAS-201, TAS-202, TAS-203 Large Missile Impact Rated

**Impact Resistance:**

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

**Installation:** Use minimum Spruce-Pine-Fir dimension lumber. Secure the door to the wall framing with Minimum No. 8 screws. At the head and the sill, one fastener is required at the mid span. Along the lock jamb, one fastener is required approximately 6" from each end, one at the mid span between the top screw and the strike plate, and two into the strike plate. Along the hinge jamb, the door is secured with fasteners through the hinges as specified in the hardware section. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall framing.

**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.