



# Product Evaluation

WIN1072 | 1114

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:** WIN-1072

**Effective Date:** November 1, 2014

**Re-evaluation Date:** July 2017

**Product Name:** Premium Atlantic Vinyl (8700) Casement Windows, New and Replacement Construction, Impact Resistant

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

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Premium Atlantic Vinyl (8700) Casement Windows; FIN	LC-PG50 36 x 72-C Missile Level D	+50 / -50 psf
2	Premium Atlantic Vinyl (8700) Casement Windows; FLANGE	LC-PG50 36 x 72-C Missile Level D	+50 / -50 psf
3	Premium Atlantic Vinyl (8700) Casement Windows; FIN	LC-PG55 36 x 72-C Missile Level D	+55 / -60 psf
4	Premium Atlantic Vinyl (8700) Casement Windows; FLANGE	LC-PG55 36 x 72-C Missile Level D	+55 / -60 psf
5	Premium Atlantic Vinyl (8700) Casement Windows; FIN	LC-PG55 36 x 72-C Missile Level D	+55 / -65 psf
6	Premium Atlantic Vinyl (8700) Casement Windows; FLANGE	LC-PG55 36 x 72-C Missile Level D	+55 / -65 psf

**Product Dimensions:**

System	Overall Size	Operating Sash Size
1-6	36" x 72"	34-1/2" x 70-1/2"

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

System		
1, 3, 5	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-19
	Product Name	PAV Casement (FIN)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; AAMA 506; Missile Level D
2, 4, 6	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-19
	Product Name	PAV Casement (FLANGE)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; AAMA 506; Missile Level D

**Impact Resistance:**

System	Impact Resistant	Requirement
1-6	Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone. The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

**Installation:**

- **Systems 1, 2:** Install the windows in accordance with Drawing No. NCTL210-3903-1A-TDI, titled "Premium Atlantic Vinyl Impact Casement Window" sheets 1 through 4 of 4, dated September 16, 2013, signed and sealed by Alexis Spyrou, P.E on November 21, 2013.
- **Systems 3, 4:** Install the windows in accordance with Drawing No. NCTL210-3902-1A-TDI, titled "Premium Atlantic Vinyl Impact Casement Window" sheets 1 through 4 of 4, dated September 16, 2013, signed and sealed by Alexis Spyrou, P.E on November 21, 2013.
- **Systems 5, 6:** Install the windows in accordance with Drawing No. NCTL210-3901-1-TDI, titled "Premium Atlantic Vinyl Impact Casement Window" sheets 1 through 4 of 4, dated January 30, 2014, signed and sealed by Alexis Spyrou, P.E on March 6, 2014.

**Note:** The manufacturer's installation instructions must be available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.