



# Product Evaluation

WIN782 | 0215

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-782

**Effective Date:** October 1, 2014

**Revised:** February 1, 2015

**Re-evaluation Date:** September 2017

**Product Name:** Premium Atlantic Vinyl 8300 Fixed Windows, Impact Resistant

**Manufacturer:** JELD-WEN Windows & Doors  
Venice Window Division  
355 Center Court  
Venice, FL 34285  
(800) 869-6699  
[www.jeld-wen.com](http://www.jeld-wen.com)

### General Description:

| System | Description                                       | Label Rating                        | Design Pressure Rating |
|--------|---|-------------------------------------|------------------------|
| 1      | Premium Atlantic Vinyl 8300; Fixed Window         | LC-PG55 52x75-FW<br>Missile Level D | ±55 psf                |
| 2      | Premium Atlantic Vinyl 8300; Fixed Window; FIN    | R-PG65 52x75-FW<br>Missile Level D  | ±65 psf                |
| 3      | Premium Atlantic Vinyl 8300; Fixed Window; FLANGE | R-PG65 52x75-FW<br>Missile Level D  | ±65 psf                |

### Product Dimensions:

| System | Overall Size  | Glass Daylight Opening Size |
|--------|---------------|-----------------------------|
| 1      | 52-1/8" x 75" | 48-1/2" x 71-1/2"           |
| 2, 3   | 52-1/8" x 75" | 48-1/2" x 71-1/2"           |

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

| System |                                  |   |
|--------|----------------------------------|---|
| 1      | Certification Agency             | AAMA  |
|        | Manufacturer's Name or Code Name | JW-19   |
|        | Product Name                     | PAV PW  |
|        | Test Standards                   | AAMA/WDMA/CSA 101/I.S.2/A440-08;<br>AAMA 506-06; Wind Zone 4; Missile Level D |
| 2      | Certification Agency             | AAMA  |
|        | Manufacturer's Name or Code Name | JW-19   |
|        | Product Name                     | Premium Atlantic Vinyl PW (FIN)   |
|        | Test Standards                   | AAMA/WDMA/CSA 101/I.S.2/A440-08;<br>AAMA 506-06; Wind Zone 4; Missile Level D |
| 3      | Certification Agency             | AAMA  |
|        | Manufacturer's Name or Code Name | JW-19   |
|        | Product Name                     | Premium Atlantic Vinyl PW (FLANGE)  |
|        | Test Standards                   | AAMA/WDMA/CSA 101/I.S.2/A440-08;<br>AAMA 506-06; Wind Zone 4; Missile Level D |

**Impact Resistance:**

| System  | Impact Resistant | Requirement  |
|---------|------------------|--|
| 1, 2, 3 | 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:**

| System |                           |   |
|--------|---------------------------|---|
| 1      | Type of Installation      | Install windows in accordance with drawing, NCTL210-3909-1-TDI, "Premium Atlantic Vinyl Impact Fixed Window," sheets 1-4 of 4, dated October 14, 2013, signed and sealed by Alexis Spyrou, P.E. on November 18, 2013. |
|        | Wall Framing              |   |
|        | Fasteners                 |   |
|        | Fastener Location/Spacing |   |
|        | Fastener Penetration      |   |
| 2, 3   | Type of Installation      | Install windows in accordance with drawing, NCTL210-3908-1-TDI, "Premium Atlantic Vinyl Impact Fixed Window," sheets 1-4 of 4, dated January 30, 2014, signed and sealed by Alexis Spyrou, P.E. on March 6, 2014.     |
|        | Wall Framing              |   |
|        | Fasteners                 |   |
|        | Fastener Location/Spacing |   |
|        | Fastener Penetration      |   |

**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.