



398 E DANIA BEACH BLVD. SUITE 338, DANIA BEACH, FL 33004

## Product Evaluation Report

*of*

**JELD-WEN, inc.  
Premium Atlantic Vinyl Fixed 8300 Window  
(HVHZ) (Impact)**

*for*

**Florida Product Approval**

### Report No. 8761

**Current Florida Building Code**

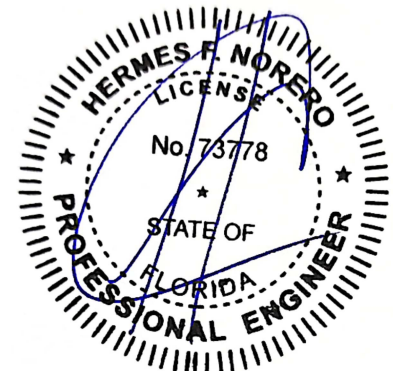
**Method: 1 – A (Certification)  
Category: Windows  
Sub – Category: Fixed**

**Product: Premium Atlantic Vinyl 8300  
Materials: PVC  
Product Dimensions: 52 1/8" X 75" (O)**

**Prepared for:  
JELD-WEN, inc.  
3737 Lakeport Blvd.  
Klamath Falls, OR. 97601**

**Prepared by:  
Hermes F. Norero, P.E.  
Florida Professional Engineer # 73778  
Date: 08/23/2023**

Contents:  
Evaluation Report      Pages 1 – 4



Hermes F. Norero, P.E.  
Florida No. 73778

398 E DANIA BEACH BLVD. SUITE 338, DANIA BEACH, FL 33004

**Manufacturer:** JELD-WEN, inc.  
**Product Category:** Windows  
**Product Sub-Category:** Fixed  
**Compliance Method:** State Product Approval Method (1)(a)  
**Product Name:** Premium Atlantic Vinyl Fixed 8300 Window (HVHZ) (Impact)

**Scope:** This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **JELD-WEN, inc.** based on Method 1a of the State of Florida Product Approval, Florida Department of Business and Professional Regulation - Florida Building Commission.

Hermes F. Norero, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the current Florida Building Code.

See Installation Instructions **NCTL 210-3908-1-FBC**, signed and sealed by Hermes F. Norero, P.E. (FL # 73778) for specific use parameters.

**Limits of Use:**

1. This product has been evaluated and is in compliance with the current Florida Building Code, **including** the “High Velocity Hurricane Zone” (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with Section 1609.1.2 of the current Florida Building Code and **does not** require an impact resistant covering.
4. Site conditions that deviate from the details of drawing **NCTL 210-3908-1-FBC** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **NCTL 210-3908-1-FBC** for size and design pressure limitations.

**Certification Agency:** The manufacturer has demonstrated compliance of products in accordance with the Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **National Accreditation & Management Institute** (FBC Organization #: CER1773).

**Performance Standards:** The product described herein has been tested per:

- TAS 201-94
- TAS 202-94
- TAS 203-94

**Referenced Data:**

1. Product Testing performed by **National Certified Testing Laboratories, Inc.** (FBC Organization # TST1589)  
Report #: NCTL 210-3908-1, Report Date: 12/02/13
2. Certification Agency  
**National Accreditation & Management Institute**  
(FBC Organization #: CER1773)
3. Material Certification  
**Miami Dade RER – Product Control Section NOA**  
E.I. DuPont De Nemours & Co., Inc.: SentryGlas Plus Interlayer
4. Material Certification  
**Miami Dade RER – Product Control Section NOA**  
Quanex Building Products: PVC Extrusions

**Installation:**  
Approved anchor types and substrates are as follows:

**Through Frame Installation:**

- A. For wood substrates use **(1) #10 Wood Screw** type anchor per location of sufficient length to achieve a minimum embedment of 1.50" into the wood substrate.
- B. For concrete or masonry substrate where one by (1X), non-structural, wood bucking is employed, use **(1) 3/16" diameter ITW Tapcon** type concrete screw anchors per location of sufficient length to achieve minimum embedment of 1.25" into concrete or masonry.

398 E DANIA BEACH BLVD. SUITE 338, DANIA BEACH, FL 33004

- C. For concrete or masonry substrate where wood bucking is NOT employed, use **(1) 3/16" diameter ITW Tapcon** type concrete screw anchors per location of sufficient length to achieve minimum embedment of 1.25" into concrete or masonry.
- D. For steel substrate, use **(1) #10 Tek Screw** type steel frame anchors per location of sufficient length to achieve minimum three threads of penetration beyond steel structure.

**Nail Fin Installation:**

- A. For wood substrates use **(1) #10 Wood Screw** type anchor per location of sufficient length to achieve a minimum embedment of 1.50" into the wood substrate.

Refer to Installation Instructions (**NCTL 210-3908-1-FBC**) for anchor spacing and more details of the installation requirements.

**Design Pressure:**

Design Pressure	
<b>Positive</b>	65 PSF
<b>Negative</b>	65 PSF