



# BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

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## Product Evaluation Report *of*

**JELD-WEN, inc.**  
**Premium Atlantic Vinyl Non-Impact Horizontal Slider  
Window**

*for*  
**Florida Product Approval**

### Report No. 3105

#### Current Florida Building Code

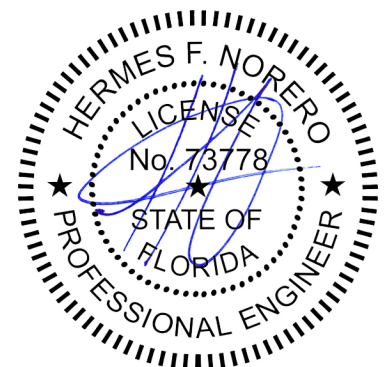
**Method:** 1 – A (Certification)  
**Category:** Windows  
**Sub – Category:** Horizontal Slider

**Product:** *Premium Atlantic Vinyl Non-Impact Horizontal  
Slider*  
**Material:** PVC  
**Product Dimensions:** 74" X 62"

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

**Prepared by:**  
**Hermes F. Norero, P.E.**  
Florida Professional Engineer # 73778  
Date: 08/12/2014

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



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**Manufacturer:** JELD-WEN, inc.

**Product Category:** Windows

**Product Sub-Category:** Horizontal Slider

**Compliance Method:** State Product Approval Method (1)(a)

**Product Name:** Premium Atlantic Vinyl Non-Impact Horizontal Slider  
74" X 62"

**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, 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 210-3898-1A-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 require an impact resistant covering.
5. Site conditions that deviate from the details of drawing **NCTL 210-3898-1A-FBC** require further engineering analysis by a licensed engineer or registered architect.
6. See Installation Instructions **NCTL 210-3898-1A-FBC** for size and design pressure limitations.



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

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

- TAS 202-94

**Referenced Data:**

1. Product Testing performed by **National Certified Testing Laboratories** (FBC Organization # TST1589)  
Report #: NCTL-210-3898-01, Report Date: 07/11/2013
2. Certification Agency  
**National Accreditation & Management Institute**  
(FBC Organization #: CER1773)
3. Material Certification  
**Miami Dade RER – Product Control Section NOA**  
Quanex Building Products: PVC Extrusions

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**Installation:** 1. Approved anchor types and substrates are as follows:

**Through Frame Installation:**

- A. For two by (2X) wood buck substrate, use **#10 Wood Screw** type installation anchors 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 **3/16" diameter ITW Tapcon** type concrete screw anchors of sufficient length to achieve minimum embedment of 1.25" into concrete or masonry.
- C. For concrete or masonry substrate where wood bucking is NOT employed, use **3/16" diameter ITW Tapcon** type concrete screw anchors of sufficient length to achieve minimum embedment of 1.25" into concrete or masonry.
- D. For steel stud substrate, use **#10 ITW TEK Screw** type steel stud anchors of sufficient length to achieve minimum 3 threads penetration beyond steel structure.

**Nail Fin Installation:**

- A. For two by (2X) wood buck substrate, use **#10 Wood Screw** type installation anchors of sufficient length to achieve a minimum embedment of 1.50" into the wood substrate.

Refer to Installation Instructions (**NCTL 210-3898-1A-FBC**) for anchor spacing and more details of the installation requirements.

**Design Pressure:**

Design Pressure	
Positive	50 PSF
Negative	55 PSF

Hermes F. Norero, P.E.

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