



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 Horizontal Slider Non-Impact

for

Florida Product Approval

Report No. 4092

Current Florida Building Code

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

Product: *Premium Atlantic Vinyl Horizontal Slider*
Material: PVC
Product Dimensions: 111" x 54"

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

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 12/14/2015

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Digitally signed by Hermes F Norero, P.E.
Reason: I am approving this document
Date: 2016.01.15 14:39:33 -05'00'



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



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Date: 12/14/2015

Report No: 4092

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 Horizontal Slider
(Non-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 & 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 210-4010-01A**, 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, excluding 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 Chapter 16 of the current Florida Building Code and does require an impact resistant covering.
4. Site conditions that deviate from the details of drawing **NCTL 210-4010-01A** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **NCTL 210-4010-01A** for size and design pressure limitations.

Hermes F. Norero, P.E.

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- Certification Agency:** The manufacturer has demonstrated compliance of products in accordance with the Florida Building Code for manufacturing under a program audited by and approved by **American Architectural Manufacturers Association** (FBC Organization #: CER1498).
- Performance Standards:** The product described herein has been tested per:
- AAMA/WDMA/CSA 101/I.S.2/A440-08
- Referenced Data:**
1. Product Testing performed by **National Certified Testing Laboratories**. (FBC Organization # TST4744)
Report: NCTL-210-4010-01A, Report Date: 10/12/2015
 2. Certification Agency
American Architectural Manufactures Association
(FBC Organization #CER1498)



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

Nailing Fin Installation:

- A. For two by (2X) wood frame substrate (Min. S.G. = 0.42), use **#10 PH Wood Screw** type wood frame anchors of sufficient length to achieve minimum embedment of 1.50" into wood framing.

Through Frame Installation:

- A. For two by (2X) wood buck substrate (Min. S.G. = 0.42), use **#10 PH Wood Screw** type installation anchors of sufficient length to achieve a minimum embedment of 1.50" into the wood substrate.
- B. For concrete (Min. $f'c = 3000$ psi) or masonry (Conforms to ASTM C90) substrate where one by (1X), non-structural, wood bucking is employed, use **3/16" diameter ITW HWH Tapcon** type concrete screw anchors of sufficient length to achieve minimum embedment of 1.25" into concrete or masonry.
- C. For concrete (Min. $f'c = 3000$ psi) or masonry (Conforms to ASTM C90) substrate where wood bucking is NOT employed, use **3/16" diameter ITW HWH Tapcon** type concrete screw anchors of sufficient length to achieve minimum embedment of 1.25" into concrete or masonry.
- D. For steel stud substrate (Min 18 Ga., $F_y = 33$ ksi), use **#10 TEK PH or HWH Screw** type steel stud anchors of sufficient length to achieve minimum 3 threads penetration beyond steel structure.

Refer to Installation Instructions (**NCTL 210-4010-01A**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Configuration	Size	Design Pressure
O	111" x 54"	+50/-55 PSF

Hermes F. Norero, P.E.

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