



BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

398 East Dania Beach Blvd.

Suite 338

Dania Beach, FL 33004

954.399.8478 PH

954.744.4738 FX

contact@buildingdrops.com

Product Evaluation Report *of*

JELD-WEN, inc.
Premium Atlantic Vinyl
Casement Window

for
Florida Product Approval

Report No. 2690

Current Florida Building Code

Method: 1 – A (Certification)
Category: Windows
Sub – Category: Casement

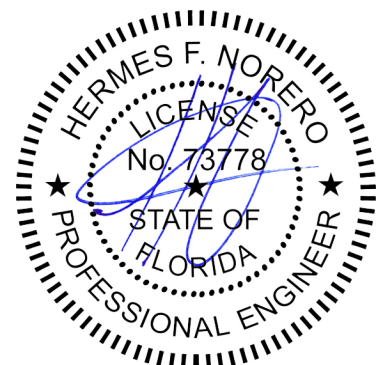
Product: *Premium Atlantic Vinyl*
Casement Window
Material: PVC
Product Dimensions: 36" x 72"

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

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 01/20/2014

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



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Date: 01/20/2014
Report No: 2690

Manufacturer: JELD-WEN, inc.

Product Category: Windows

Product Sub-Category: Casement

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

Product Name: Premium Atlantic Vinyl Casement Window
36" x 72"

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 Community Affairs - 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 **NCTL210-3904-1-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 require an impact resistant covering.
5. Site conditions that deviate from the details of drawing **NCTL210-3904-1-FBC** require further engineering analysis by a licensed engineer or registered architect.
6. See Installation Instructions **NCTL210-3904-1-FBC** for size and design pressure limitations.



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Certification Agency: The manufacturer has demonstrated compliance of window 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-210-3904-01 Report Date: 12/10/2013,
Revision Date: 12/30/2013
2. Certification Agency
National Accreditation & Management Institute
(FBC Organization #CER1773)

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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 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 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 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 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 ITW TEK Screw** type steel stud anchors of sufficient length to achieve minimum 3 threads penetration beyond steel structure.

Refer to Installation Instructions (**NCTL210-3904-1-FBC**) for anchor spacing and more details of the installation requirements.

Design Pressure:

| Design Pressure Rating | |
|------------------------|--------|
| Positive | 55 PSF |
| Negative | 65 PSF |

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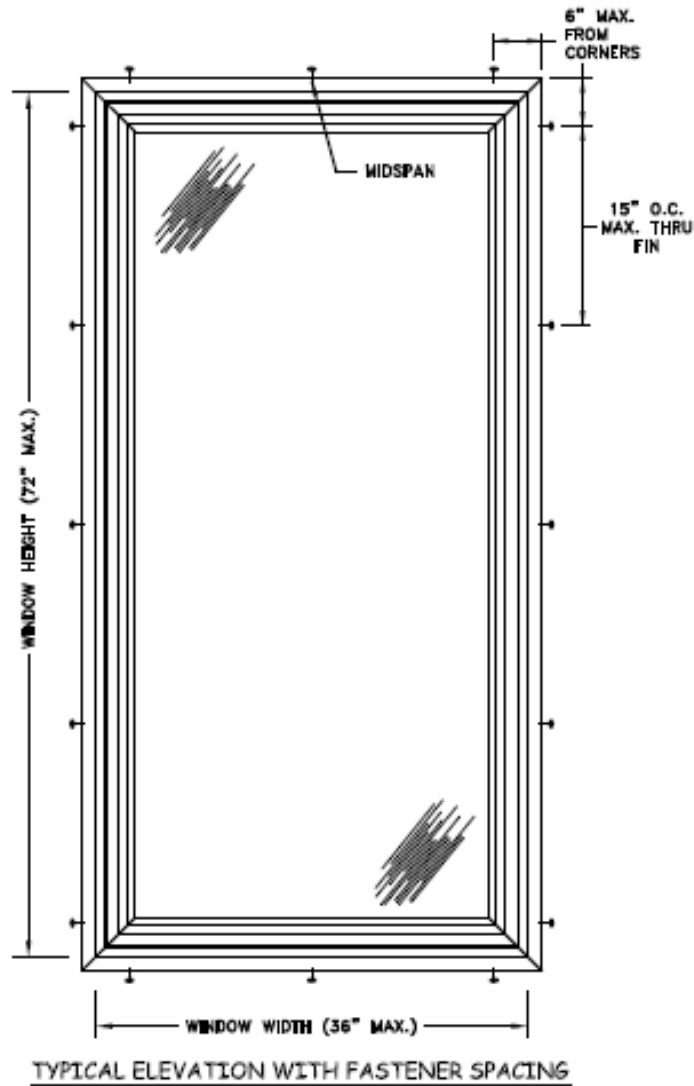


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Installation Method JELD-WEN, inc. Premium Atlantic Vinyl Casement Window Nail Fin Installation



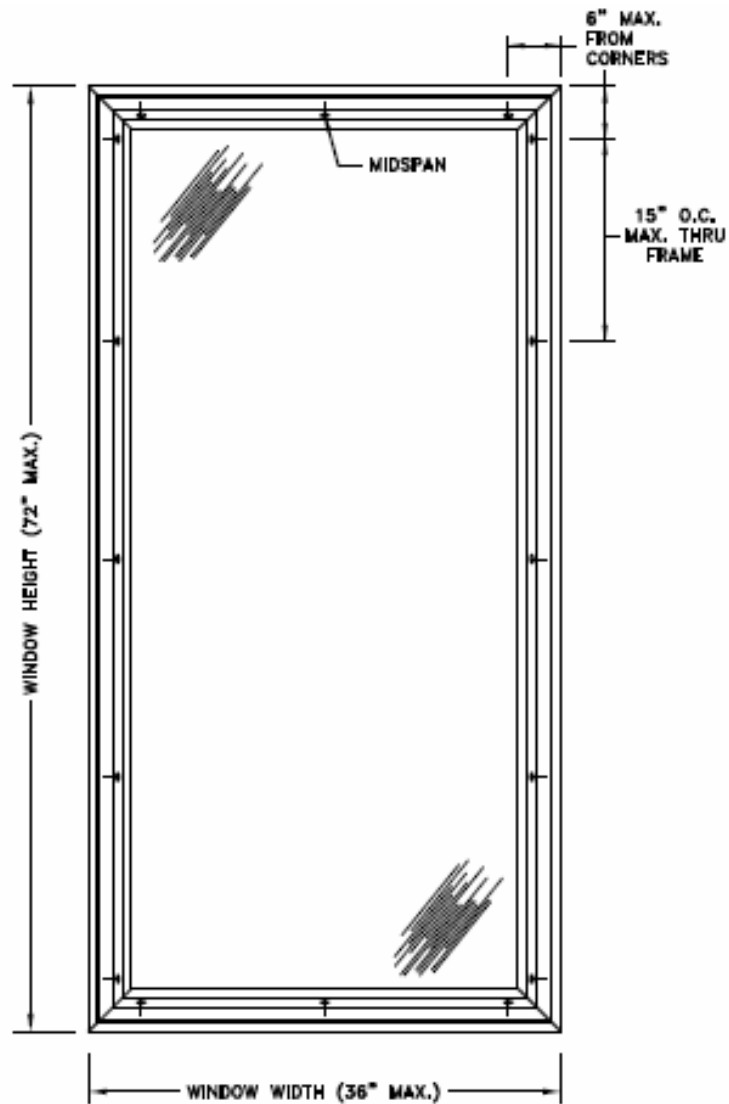


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JELD-WEN, inc. Premium Atlantic Vinyl Casement Window Through Frame Installation



TYPICAL ELEVATION WITH FASTENER SPACING