



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

Product Evaluation Report

of

**Windsor Windows and Doors
Pinnacle Clad Mullions for 3 1/4" Frames
(Non-HVHZ) (Non-Impact)**

for

Florida Product Approval

FL# FL21905

Report No. 8337

Current Edition Florida Building Code

Method: 2 – B (Engineering Evaluation)
Category: Windows
Sub – Category: Mullions

Product: Pinnacle Clad Mullion for 3 1/4" Frames
Material: Glulam LVL & A36 Steel
Product Dimensions: See Installation Instructions WWD053

Prepared for:

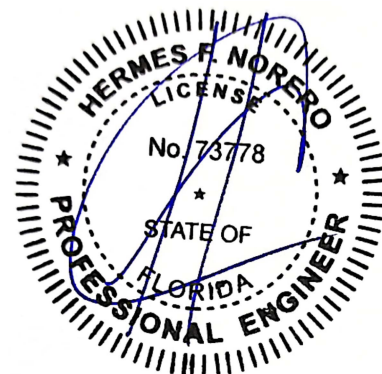
Windsor Windows and Doors
900 S. 19th Street
West Des Moines, IA 50265

Prepared by:

Hermes F. Norero, P.E.

Florida Professional Engineer # 73778

Date: 02/14/2023



Contents:

Evaluation Report Pages 1 – 3

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.08.09 17:38:45 -04'00'



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Manufacturer: Windsor Windows and Doors

Product Category: Windows

Product Sub-Category: Mullions

Compliance Method: State Product Approval Method (2)(b)

Product Name: Pinnacle Clad Mullion for 3 1/4" Frames
(Non-HVHZ) (Non-Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Windsor Windows and Doors** based on Method 2b 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 Edition Florida Building Code.

See Installation Instructions **WWD053**, 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 Edition 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 Edition Florida Building Code and **does** require an impact resistant covering.
4. All configurations shown in installation instructions **WWD053** have been qualified as required by section 1709.8 of the current Edition FBC.
5. Site conditions that deviate from the details of installation instructions **WWD053** require further engineering analysis by a licensed engineer or registered architect.
6. See Installation Instructions **WWD053** for size and design pressure limitations.

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Quality Assurance: 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 **Windows and Door Manufactures Association** (FBC Organization #: QUA2515).

Performance Standards: The product described herein has been evaluated per:

- 1709.8 of the current edition of the Florida Building Code

Referenced Data:

1. Quality Assurance Agency
Windows and Door Manufactures Association
(FBC Organization #: QUA2515)

Installation:

Refer to Installation Instructions (**WWD053**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**WWD053**) for allowable sizes and design pressures.