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

Product Evaluation Report

of

Windsor Windows and Doors
Pinnacle Clad Select Awning Window
(HVHZ) (Impact)

for

Florida Product Approval

FL# FL15134

Report No. 5796

Current Florida Building Code

Method:	**1 – A (Certificate)**
Category:	**Windows**
Sub – Category:	**Awning**
Product:	**Pinnacle Clad Select Awning**
Material:	**Wood**
Cladding:	**Aluminum 6063-T5**
Product Dimensions:	**60” x 48”**

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: 04/05/2023

HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.08.09 17:29:21 -04'00'

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BUILDINGDROPS.COM CONTACT@BUILDINGDROPS.COM

Manufacturer: **Windsor Windows and Doors**

Product Category: Window

Product Sub-Category: Awning

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

Product Name: **Pinnacle Clad Select Awning Window (HVHZ) (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 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 **WWD025**, 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 Chapter 16 of the current Florida Building Code and **does not** require an impact resistant covering.
4. Site conditions that deviate from the details of drawing **WWD025** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **WWD025** 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 program audited by and approved by **Window and Door Manufacturers Association** (FBC Organization #: CER1508).

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

- AAMA/WDMA/CSA 101/I.S.2/A440-11
- ASTM E1886-13a
- ASTM E1996-14a
- TAS 201-94
- TAS 202-94
- TAS 203-94

Referenced Data:

1. Product Testing performed by **Element Materials Technology.**
   (FBC Organization # TST9610)
   Report #: ESP027995P, Report Date: 04/20/2018
   Report #: ESP027408P.ASTM, Report Date: 04/20/2018
   Report #: ESP027995P.DADE, Report Date: 04/20/2018
   TAS Test Report Signed and Sealed by Jason R. Steen FL P.E. No. 67814

2. Certification Agency
   Window and Door Manufacturers Association
   (FBC Organization #: CER1508)

Installation:

Refer to Installation Instructions (**WWD025**) for details of the installation requirements.

Design Pressure:

Configuration	Size	Design Pressure
X	60” x 48”	+65/-65 PSF

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