



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

Product Evaluation Report

of

**Atrium Windows & Doors
Series 5700/8050 Single Hung Window
(Non-HVHZ) (Non-Impact)**

for

Florida Product Approval

FL# FL21036

Report No. 8655

Current Florida Building Code

Method: 1 – D (Engineering Evaluation)
Category: Windows
Sub – Category: Single Hung

Product: Series 5700/8050 Single Hung Window
Material: PVC with 6063-T6 Mullion
Product Dimensions: See installation instructions, ATR121

Prepared For:

**Atrium Windows & Doors
300 Welcome Center
Welcome, NC 27374**

Prepared by:

Hermes F. Norero, P.E.

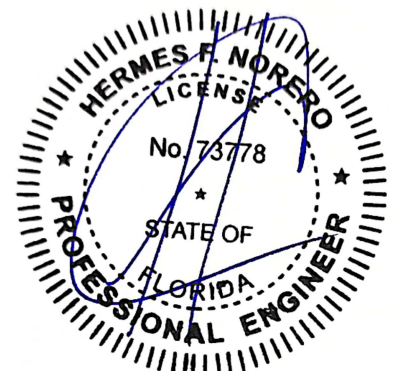
Florida Professional Engineer # 73778

Date: 07/21/2023

Contents:

Evaluation Report Pages 1 – 3

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.08.16 19:20:08 -04'00'



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

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

Manufacturer: Atrium Windows & Doors

Product Category: Windows

Product Sub-Category: Single Hung

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

Product Name: Series 5700/8050 Single Hung Window
(Non-HVHZ) (Non-Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Atrium Windows & Doors** based on Method 1d of the Florida Product Approval System, 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 Florida Building Code.

See Installation Instructions **ATR121**, signed by Hermes F. Norero (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 **ATR121** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **ATR121** for size and design pressure limitations.

Quality Assurance:

The manufacturer has demonstrated compliance in Accordance with the Florida Building Code and Florida Product Approval system for manufacturing under a quality assurance program audited by an approved quality assurance entity through **National Accreditation and Management Institute** (FBC Organization #QUA1789).

Performance Standards:

The product described herein has been tested per:

- AAMA/WDMA/CSA 101/I.S.2/A440-17
- AAMA 450-20
- ASTM E 330-14

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc.**
(FBC Organization # TST1910)
Report #: E3163.01-801-47 Report Date: 01/09/15
E3164.01-801-47 01/09/15
2. Quality Assurance Entity:
National Accreditation and Management Institute
(FBC Organization #QUA1789)

Installation:

Refer to Installation Instructions (**ATR121**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**ATR121**) for design pressures based on size, configuration, and glass types.