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

# Product Evaluation Report

*of*

**Andersen Corporation**
**100 Series Single Hung Window**
**(Non-HVHZ) (Non-Impact)**

*for*

**Florida Product Approval**

## FL# FL15906

## Report No. 8566

**Current Florida Building Code**

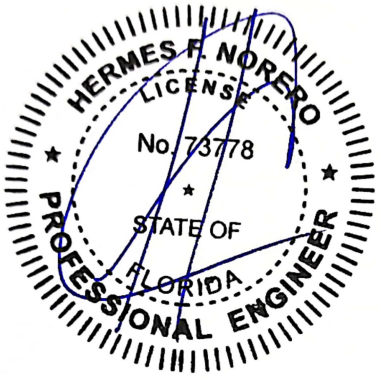
| | |
|---|---|
| **Method:** | **1 – D (Engineering Evaluation)** |
| **Category:** | **Windows** |
| **Sub – Category:** | **Single Hung** |
| **Product:** | **100 Series Single Hung Window (Non-HVHZ) (Non-Impact)** |
| **Materials:** | **Fibrex** |
| **Product Dimensions:** | **See Installation Instructions, AWD029** |

**Prepared for:**
Andersen Corporation
100 Fourth Avenue N.
Bayport, MN 55003-1096

**Prepared by:**
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 6/8/2023

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.08.14 21:09:08 -04'00'

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

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

**Manufacturer:** **Andersen Corporation**

**Product Category:** Windows

**Product Sub-Category:** Single Hung

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

**Product Name:** **100 Series Single Hung Window (Non-HVHZ) (Non-Impact)**

**Scope:** This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Andersen Corporation** based on Method 1d of the State of Florida Product Approval, 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 **AWD029**, 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 installation instructions **AWD029** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **AWD029** for size and design pressure limitations.



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**Quality Assurance:** The manufacturer has demonstrated compliance of manufacture of products in accordance with the Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **Window and Door Manufacturers Association** (FBC Organization # QUA2515).

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

- AAMA/WDMA/CSA 101/I.S.2/A440-17

**Referenced Data:**

1. Product Testing performed by **Architectural Testing Inc.**
(FBC Organization # TST1795)

| Report: | Report Date: |
|---|---|
| D5493.01-201-47 | 08/24/18 |
| C9050.01-201-47 | 03/28/19 |
| C9049.01-201-47 | 04/26/17 |
| C9041.01-201-47 | 04/26/17 |
| E1599.01-201-47 | 01/20/15 |
| I3068.01-201-47 | 02/22/19 |
| I3067.01-201-47 | 02/22/19 |

2. Quality Assurance
**Window and Door Manufacturers Association**
(FBC Organization #: QUA2515)

**Installation:**

Refer to Installation Instructions (**AWD029**) for anchor types, spacing, and more details of the installation requirements.

**Design Pressure:**

Refer to Installation Instructions (**AWD029**) for design pressure configurations.



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**Equivalence of Test Standards:**

Various test standards have been evaluated for differences in test methodology, if any, between tested editions of the test standards listed below and those editions referenced in the current Florida Building Code. Andersen Corporation has tested their products to the following test standard edition(s):

1) AAMA/WDMA/CSA 101/I.S.2/A440-08/11

Chapter 35 of the current Florida Building Code references the following editions of the above mentioned test standards:

1) AAMA/WDMA/CSA 101/I.S.2/A440-17

After review of the above mentioned referenced standards and editions, it has been found that the results and tests carried out meet the requirements for compliance. All referenced standards have been found to be equivalent.



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