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Product Evaluation Report

of

Andersen Corporation
Renewal by Andersen Casement Windows

for

Florida Product Approval

FL# FL19560

Report No. 5897

Current Florida Building Code

Method:	**1 – D (Engineering Evaluation)**
Category:	**Windows**
Sub – Category:	**Casement Window**

Product:	***Renewal By Andersen Casement Windows***
Material:	***Fibrex® & PVC***
Product Dimensions:	***See installation instructions, AWD242***

Prepared For:
Andersen Corporation
100 4th Ave. N
Bayport, Minnesota 55003

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 12/15/18

Contents:

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2018.12.16 18:09:34 -05'00'

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

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

Manufacturer:	**Andersen Corporation**
Product Category:	Windows
Product Sub-Category:	Casement Window
Compliance Method:	State Product Approval Method (1)(d)
Product Name:	Renewal Casement Windows

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, 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 **AWD242**, 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 drawing **AWD242** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **AWD242** for size and design pressure limitations.

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

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

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

Referenced Data:

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

Report: E8358.01-201-47-R0	Dated: 05/29/15
Report: D4714.01-201-47-R0	Dated: 05/05/14
Report: D6879.01-201-47-R0	Dated: 05/05/14
Report: D4712.01-201-47-R1	Dated: 09/12/14
Report: D6877.01-201-47-R0	Dated: 04/15/14
Report: D4710.01-201-47-R0	Dated: 09/19/14
Report: D4710.02-201-47-R0	Dated: 09/19/14
Report: E8357.01-201-47-R0	Dated: 05/29/15
Report: D6906.01-201-47-R0	Dated: 08/19/14
Report: D6911.01-201-47-R0	Dated: 08/19/14
Report: D7659.01-201-47-R0	Dated: 09/02/14
Report: D7660.01-201-47-R0	Dated: 09/02/14
Report: D7661.01-201-47-R0	Dated: 09/02/14
Report: D7662.01-201-47-R0	Dated: 09/02/14
Report: D6890.01-201-47-R0	Dated: 05/05/14
Report: D6894.01-201-47-R0	Dated: 05/05/14
Report: D6898.01-201-47-R0	Dated: 05/08/14
Report: D6902.01-201-47-R0	Dated: 05/08/14
Report: D7664.01-201-47-R0	Dated: 09/02/14
Report: D7665.01-201-47-R0	Dated: 09/02/14
Report: D7666.01-201-47-R0	Dated: 09/02/14
Report: D7667.01-201-47-R0	Dated: 09/02/14

2. Product Testing performed by **Intertek**
(FBC Organization # TST1795)

Report: I9385.01-201-47	Dated: 12/07/18
Report: I9387.01-201-47	Dated: 12/10/18

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

Installation:

Refer to Installation Instructions (**AWD242**) for anchor type, embedment, edge distance and anchor spacing details.

Design Pressure:

Refer to Installation Instructions (**AWD242**) for design pressures based on unit construction, size, and configuration.