



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

Product Evaluation Report

of

**Andersen Corporation
A-Series Hinged Patio Door – Inswing with PG Upgrade
(HVHZ) (Non-Impact)**

for

Florida Product Approval

FL# FL14320

Report No. 6660

Current Florida Building Code

Method: 1 – D (Engineering Evaluation)
Category: Exterior Doors
Sub – Category: Swinging Exterior Door Assemblies

Product: A-Series Hinged Patio Door – Inswing with
PG Upgrade
(HVHZ) (Non-Impact)

Materials: Ponderosa Pine/Fiberglass

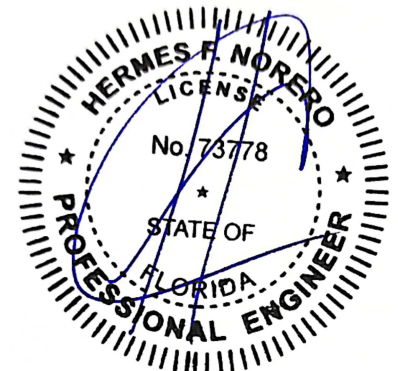
Product Dimensions: See Installation Instructions, AWD130

Prepared for:

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

Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 6/16/2023



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

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Manufacturer: Andersen Corporation

Product Category: Exterior Doors

Product Sub-Category: Swinging Exterior Door Assemblies

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

Product Name: A-Series Hinged Patio Door – Inswing with PG Upgrade (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 **AWD130**, 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 require** an impact resistant covering.
4. Site conditions that deviate from the details of installation instructions **AWD130** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **AWD130** 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
- TAS 202-94

Referenced Data:

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

Report:	Dated:
N9408.01-201-18	02/13/23
TAS Report Signed and sealed Tanya A. Dolby, P.E. No. 93536	
N9735.01-201-44	02/13/23
N9740.01-201-44	02/13/23
N9745.01-201-44	02/13/23
N9746.01-201-44	02/13/23
N9748.01-201-44	02/13/23
N9750.01-201-44	02/13/23
N9752.01-201-44	02/13/23
N9753.01-201-44	02/13/23
N9754.01-201-44	02/13/23
A1938.01-201-18	12/13/10
TAS Report Signed and sealed Joseph A. Reed, P.E. No. 58920	
A1938.02-201-18	06/22/11
TAS Report Signed and sealed Joseph A. Reed, P.E. No. 58920	
D0626.01-201-18-R0	08/19/14
D0627.01-201-18-R0	08/19/14
TAS Report Signed and Sealed by Shawn G. Collins, P.E No.70655	
D0628.01-201-18-R0	08/19/14
TAS Report Signed and Sealed by Shawn G. Collins, P.E No.70655	
D0672.01-201-44	08/06/14
D0672.04-201-44	08/06/14
D0673.01-201-44	08/06/14
D0673.04-201-44	08/06/14
D0674.04-201-44	08/07/14
D0674.01-201-44	08/07/14

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

3. **Material Certifications for fiberglass by Intertek ETL Semko:**
ASTM D 635
Report #: J20039829-231 Date: 2/23/01
Material Certifications for fiberglass by Intertek:
ASTM D 1929
Report #: 100581691MID-002 Date: 2/17/2012
ASTM E 84
Report #: 100581691SAT-001A Date: 2/27/2012
Material Certifications for fiberglass by PRI Asphalt Technologies:
ASTM G 26 & ASTM D 638
Report #: ARR-03-02-01 Date: 8/14/01

4. **Material Certifications for PVC by Aspen Research Corporation:**
"South Florida outside 45-degree exposure for 5 years" (in lieu of
ASTM G 26/G 155) & ASTM D 638
Report #: F4693 Date: 03/24/99
Material Certifications for PVC by Intertek ETL Semko:
ASTM E 84
Report #: 3100559SAT-004 Date: 08/04/06
ASTM D 1929
Report #: 3100559SAT-001 Date: 08/09/06
ASTM D 635
Report #: 3100559SAT-007 Date: 08/08/06

Installation:

Refer to Installation Instructions (**AWD130**) for anchor types, spacing, and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**AWD130**) for design pressure configurations.

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

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.