



1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

Product Evaluation Report

of

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

for

Florida Product Approval

FL# FL14429

Report No. 9052

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Exterior Doors
Sub – Category:	Sliding Exterior Door Assemblies
Product:	A-Series Gliding Patio Door with PG Upgrade
Materials:	Ponderosa Pine
Product Dimensions:	See Installation Instructions, AWD119

Prepared for:

**Andersen Corporation
100 Fourth Avenue North
Bayport, MN 55003**

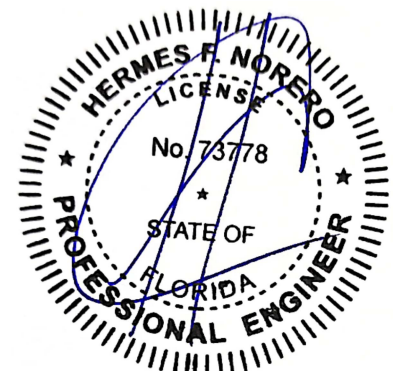
Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 12/18/2023

Contents:

Evaluation Report Pages 1 – 4

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.12.28 16:56:39 +02'00'



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

Manufacturer: Andersen Corporation

Product Category: Exterior Doors

Product Sub-Category: Sliding Exterior Door Assemblies

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

Product Name: A-Series Gliding Patio Door 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 **AWD119**, 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 **AWD119** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **AWD119** for size and design pressure limitations.

Quality Assurance:

The manufacturer has demonstrated compliance of manufacture of products in accordance with the current Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **Window and Door Manufacturers Association-QA**.
(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. (an Intertek company) - Fridley, MN**

(FBC Organization # TST1795)

Report #: P1634.01-201-18, Report Date: 02/13/2023

Report #: P1634.03-201-18, Report Date: 02/13/2023

Report #: P1634.04-201-18, Report Date: 02/13/2023

TAS Reports Signed and Sealed by Tanya A. Dolby, FL PE No. 93536

Report #: P1644.01-201-44-R1, Report Date: 10/27/2023

Report #: P1645.01-201-44-R1, Report Date: 10/27/2023

Report #: P1647.01-201-44-R1, Report Date: 10/27/2023

Report #: P1650.01-201-44-R1, Report Date: 10/27/2023

Report #: P1652.01-201-44-R1, Report Date: 10/27/2023

Report #: P1654.01-201-44-R1, Report Date: 10/26/2023

Report #: P5550.01-201-44, Report Date: 02/13/2023

2. **Material Certifications for fiberglass by Intertek ETL Semko:**

ASTM D 635

Report #: J20039829-231 Report Date: 02/23/2001

Material Certifications for fiberglass by Intertek:

ASTM D 1929

Report #: 100581691MID-002 Report Date: 02/17/2012

ASTM E 84

Report #: 100581691SAT-001A Report Date: 02/27/2012

Material Certifications for fiberglass by PRI Asphalt Technologies:

ASTM G 26 & ASTM D 638

Report #: ARR-03-02-01 Report Date: 08/14/2001

3. **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 Report Date: 03/24/1999
Material Certifications for PVC by Intertek ETL Semko:
ASTM E 84
Report #: 3100559SAT-004 Report Date: 08/04/2006
ASTM D 1929
Report #: 3100559SAT-001 Report Date: 08/09/2006
ASTM D 635
Report #: 3100559SAT-007 Report Date: 08/08/2006

Installation:

Refer to Installation Instructions (**AWD119**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**AWD119**) for design pressures based on size, configuration, and glass types.