



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

## Product Evaluation Report

*of*

**JELD-WEN, inc.  
Aurora Fiberglass Non-Impact  
Opaque & Full Lite W/ or W/O Sidelites  
(Non-HVHZ) (Non-Impact)**

*for*

**Florida Product Approval**

**Report No.8306**

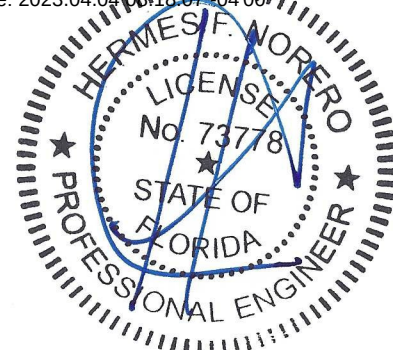
### Current Florida Building Code

|                            |                                                                                    |
|----------------------------|------------------------------------------------------------------------------------|
| <b>Method:</b>             | <b>1 – D (Engineering Evaluation)</b>                                              |
| <b>Category:</b>           | <b>Exterior Doors</b>                                                              |
| <b>Sub – Category:</b>     | <b>Swinging Exterior Door Assemblies</b>                                           |
| <b>Product:</b>            | <b>Aurora Fiberglass Non-Impact Opaque<br/>&amp; Full Lite W/ or W/O Sidelites</b> |
| <b>Material:</b>           | <b>Fiberglass</b>                                                                  |
| <b>Product Dimensions:</b> | <b>See Installation Instructions, D015661</b>                                      |

**Prepared for:**  
**JELD-WEN, inc.**  
**3737 Lakeport Blvd.**  
**Klamath Falls, OR 97601**

**Prepared by:**  
**Hermes F. Norero, P.E.**  
Florida Professional Engineer # 73778  
Date: 02/03/2023

Digitally signed by Hermes F. Norero, P.E.  
Reason: I am approving this document  
Date: 2023.04.04 06:18:07 -04'00'



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**Manufacturer:** JELD-WEN, inc.

**Product Category:** Exterior Doors

**Product Sub-Category:** Swinging Exterior Door Assemblies

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

**Product Name:** Aurora Fiberglass Non-Impact  
Opaque & Full Lite W/ or W/O Sidelites  
(Non-HVHZ) (Non-Impact)

**Scope:** This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **JELD-WEN inc.** 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 Florida Building Code.

See Installation Instructions **D015661**, 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 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 Florida Building Code and **does** require an impact resistant covering.
4. Site conditions that deviate from the details of drawing **D015661** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **D015661** for size and design pressure limitations.

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**Quality Assurance Entity:** 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 **National Accreditation & Management Institute, Inc.** (FBC Organization #QUA1789).

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

- ASTM E283-04(12)
- ASTM E330-14
- AAMA 1304-02

**Referenced Data:**

1. Product Testing performed by **Architectural Testing / Intertek - Fresno**  
(FBC Organization # TST2609)  
Report #: Report Date:  
46996.02-301-44, 09/22/2004  
46997.04-301-44, 09/22/2004  
52734.01-301-44, 10/14/2004  
52734.02-301-44, 10/14/2004  
53710.01-301-44, 10/14/2004  
53710.02-301-44, 10/14/2004  
65298.01-301-44, 06/19/2006  
J7704.01-301-47, 06/20/2019
2. Quality Assurance Entity  
**National Accreditation & Management Institute**  
(FBC Organization #QUA1789)
3. Exit Device Hardware  
**Von Duprin 98/99 Series Exit Devices Product Manual**
4. Component Approval of Panic Exit Devices  
Allegion-Schlage Lock Company, LLC  
Von Duprin & Falcon Exit Devices, Schlage & Falcon Locks  
**Current Florida Product Approval**

**Installation Method:** Please refer to Installation instructions, (**D015661**), for anchor methods, selection, spacing, edge distances, embedment's and further details of installation.

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**Design Pressure:** Please refer to Installation instructions, (**D015661**), for sizes, configurations and design pressures.

**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. JELD-WEN, inc. has tested their products to the following test standard edition(s):

- 1) ASTM E330-97
- 2) ASTM E283-91/04

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

- 1) ASTM E330-14
- 2) ASTM E283-04(12)

After review of the above mentioned referenced standards and editions, it has been found that no significant technical changes have been made to the test standards that would affect the results. All referenced standards have been found to be equivalent.