



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

## Product Evaluation Report

*of*

**JELD-WEN, inc.  
Custom Clad 10'0" Wood Outswing Patio Doors  
(HVHZ) (Impact)**

*for*

**Florida Product Approval**

**Report No. 8298**

**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>Custom Clad 10'0 Wood Outswing Patio Doors</b>
<b>Material:</b>	<b>Wood (Pine) w/ Aluminum 6063-T5 Cladding</b>
<b>Product Dimensions:</b>	<b>177-3/16" X 122" (Maximum)</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: 02/02/2023

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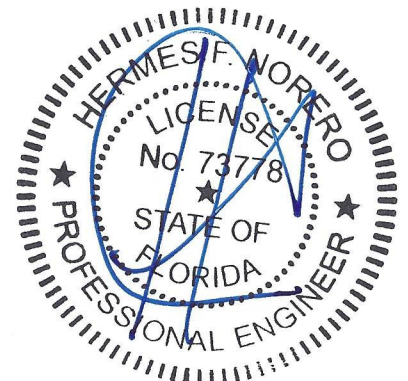
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**Manufacturer:** JELD-WEN, inc.

**Product Category:** Exterior Doors

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

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

**Product Name:** Custom Clad 10'0 Wood Outswing Patio Doors (HVHZ) (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 current Florida Building Code.

See Installation Instructions **JW023**, 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 not** require an impact resistant covering.
4. Site conditions that deviate from the details of drawing **JW023** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **JW023** for size and design pressure limitations.

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**Quality Assurance:** The manufacturer has demonstrated compliance of door 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:

- ASTM E 283-04(12)
- ASTM E 331-00(09)
- ASTM E 330-14
- ASTM E 1886-13
- ASTM E 1996-14
- TAS 201-94
- TAS 202-94
- TAS 203-94

**Referenced Data:**

1. Product Testing performed by **National Certified Testing Laboratory, Inc.**  
(FBC Organization # TST9341)  
Report #: SJW2012-155, Report Date: 12/04/2012  
Report #: SJW2012-155-TAS, Report Date: 12/04/2012  
Signed & Sealed: Kevin P. Tyra, Florida PE No: 72805
2. Quality Assurance  
**Window and Door Manufacturers Association**  
(FBC Organization #: QUA2515)
3. Material Certification  
**Miami Dade County RER – Product Control Section**  
Current NOA for SentryGlas Interlayer by Kuraray (Formerly DuPont)
4. Material Certification  
**Miami Dade County RER – Product Control Section**  
Current NOA for SentryGlas Interlayer by Kuraray (Formerly DuPont)

**Installation Method:** Please refer to Installation instructions, (**JW023**), for anchor methods, selection, spacing, edge distances, embedment's and further details of installation.

**Design Pressure:** Refer to Installation Instructions, (**JW023**), 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 E 283-04
- 2) ASTM E 331-00
- 3) ASTM E 330-02
- 4) ASTM E 1886-05
- 5) ASTM E 1996-06

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

- 1) ASTM E 283-04(12)
- 2) ASTM E 331-00(09)
- 3) ASTM 3 330-14
- 4) ASTM E 1886-13
- 5) ASTM E 1996-14

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.