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

Product Evaluation Report

of

JELD-WEN, inc.
Aurora® Custom Fiberglass Door, Sidelite & Wood Direct Set Transom Steel Reinforced Mullion (Non-HVHZ) (Non-Impact)

for

Florida Product Approval

Report No. 8319

8th Edition Florida Building Code

Method:	**2 – B (Engineering Evaluation)**
Category:	**Windows**
Sub – Category:	**Mullions**
Product:	**Aurora® Custom Fiberglass Door, Sidelite & Wood Direct Set Transom Reinforced Mullion**
Material:	**Wood and Steel**
Product Dimensions:	**See Installation Instructions, JW050**

Prepared for:
JELD-WEN, inc.
3757 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 11:19:49 -04'00'

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

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

Product Category: Windows

Product Sub-Category: Mullions

Compliance Method: State Product Approval Method (2)(b)

Product Name: **Aurora® Custom Fiberglass Door, Sidelite & Wood Direct Set Transom Steel Reinforced Back Mullion (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 2b 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 8th Edition Florida Building Code.

See Installation Instructions **JW050**, 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 8th Edition 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 8th Edition Florida Building Code and **does not** require an impact resistant covering in Wind Zones 3 or less such that adjoining windows are equally impact rated.
4. When used in areas requiring wind borne debris protection this product **does** require an impact resistant covering in Wind Zones 4.
5. All configurations shown in Installation Instructions **JW050** have been qualified as required by section 1709.8 of the 8th Edition FBC.
6. Site conditions that deviate from the details of Installation Instructions **JW050** require further engineering analysis by a licensed engineer or registered architect.
7. See Installation Instructions **JW050** for size and design pressure limitations.

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Quality Assurance Agency: 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 **National Accreditation and Management Institute** (FBC Organization #: QUA1789).

Referenced Code Sections:

1. 1709.8 of the 8th Edition FBC

Installation:

Refer to Installation Instructions (**JW050**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**JW050**) for allowable sizes and design pressures.

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