



BUILDING DROPS

A Perfect Solution in Every Drop!

Certificate of Authorization: 29578

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Product Evaluation Report

of

**JELD-WEN, inc.
Builders Vinyl (V-2500) Sliding Patio Door**

for

Florida Product Approval

Report No. 3042

Current Florida Building Code

Method: 1 – A (Certificate)
Category: Exterior Doors
Sub – Category: Sliding Exterior Door Assemblies

Product: Builders Vinyl (V-2500) Sliding Patio Door
Material: PVC
Product Dimensions: 71 3/4" x 79 1/2" (OX)

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

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 02/23/2022

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



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Date: 02/23/2022

Report No: 3042

Manufacturer: JELD-WEN, inc.

Product Category: Exterior Doors

Product Sub-Category: Sliding Exterior Door Assemblies

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

Product Name: **Builders Vinyl (V-2500) Sliding Patio Door**
(Non-Impact)
71 3/4" x 79 1/2" (OX)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **JELD-WEN, inc.** based on Method 1a 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 **SJW2013-057-FBC**, 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, 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 current Florida Building Code and does require an impact resistant covering.
4. Site conditions that deviate from the details of drawing **SJW2013-057-FBC** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **SJW2013-057-FBC** for size and design pressure limitations.



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Certification Agency: The manufacturer has demonstrated compliance of products in accordance with the Florida Building Code for manufacturing under a Certification Agency through **American Architectural Manufacturers Association** (FBC Organization #CER1498).

Performance Standards: The product described herein has been tested per:

- AAMA/WDMA/CSA 101/I.S.2/A440-11

Referenced Data:

1. Product Testing performed by **National Certified Testing Laboratories NW** (FBC Organization # TST9341)
Report #: SJW2013-057, Report Date: 5/01/2013
2. Certification Agency
American Architectural Manufacturers Association
(FBC Organization #: CER1498)



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Through Frame Installation: 1. Approved anchor types and substrates are as follows:

- A. For 2x wood buck substrate (min. SG = 0.42), use **(1) #8 Wood Screw** type installation anchors per location of sufficient length to achieve a minimum embedment of 1.50" into the wood substrate.
- B. For concrete (Min. $f'c = 3000$ psi) or masonry substrate (Min. $f'c = 1500$ psi) where one by (1X), non-structural, wood bucking is employed, use **(1) 3/16" diameter ITW Tapcon** type concrete screw anchors per location of sufficient length to achieve minimum embedment of 1.25" into concrete or masonry.
- C. For concrete (Min. $f'c = 3000$ psi) or masonry substrate (Min. $f'c = 1500$ psi) where wood bucking is NOT employed, use **(1) 3/16" diameter ITW Tapcon** type concrete screw anchors per location of sufficient length to achieve minimum embedment of 1.25" into concrete or masonry.
- D. For steel substrate, use **(1) #8 Tek Screw** type steel frame (min. 18ga.) anchors per location of sufficient length to achieve minimum three threads of penetration beyond steel structure.

Nail Fin Installation (Where applicable):

- A. For wood substrates use **(1) #8 Wood Screw** type installation anchors per location of sufficient length to achieve a minimum embedment of 1.50" into the wood substrate.

Refer to Installation Instructions (**SJW2013-057-FBC**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Design Pressure	
Positive	50 PSF
Negative	50 PSF

Installation Methods:

Refer to Installation Instructions (**SJW2013-057-FBC**) for installation methods, anchor locations, and more details of the installation requirements.

Hermes F. Norero, P.E.

Florida No. 73778

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