



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

Product Evaluation Report

of

**Reilly Architectural
RWD45 Wood Lift & Slide Door
(WZ3) (Impact)**

for

Florida Product Approval

FL# FL46083

Report No. 8861

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Exterior Doors
Sub – Category:	Sliding Exterior Door Assemblies
Product:	RWD45 Wood Lift & Slide Door
Material:	Mahogany / Aluminum
Product Dimensions:	See Installation Instructions, RWD006

Prepared for:

**Reilly Architectural
901 Burman Blvd. Bldg 701
Calverton, NY 11933**

Prepared by:

Hermes F. Norero, P.E.

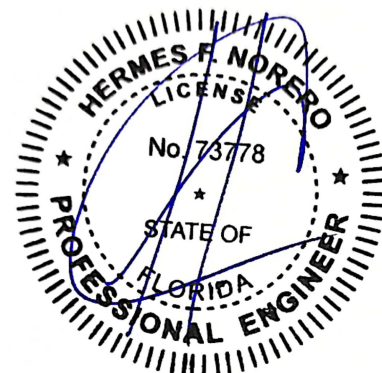
Florida Professional Engineer # 73778

Date: 09/28/2023

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.02.20 11:46:13 -05'00'



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

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

Manufacturer: Reilly Architectural

Product Category: Exterior Door

Product Sub-Category: Sliding Exterior Door Assemblies

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

Product Name: RWD45 Wood Lift & Slide Door
(WZ3) (Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Reilly Architectural** 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 **RWD006**, 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 not** require an impact resistant covering in Wind Zone 3 or less.
4. When used in areas requiring wind borne debris protection this product **does** require an impact resistant covering in Wind Zone 4.
5. Site conditions that deviate from the details of Installation Instructions **RWD006** require further engineering analysis by a licensed engineer or registered architect.
6. See Installation Instructions **RWD006** 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 **Keystone Certifications, Inc.** (FBC Organization # QUA1824).

Performance Standards:

The product described herein has been evaluated per:

- ASTM E283-04(12)
- ASTM E330-14
- ASTM E547-00(16)
- ASTM F842-17
- ASTM E1886-13a
- ASTM E1996-14a

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc. (an Intertek company – Farmingdale, NY)** (FBC Organization # TST11360)
Report: J8467.01-525-44 Dated: 09/14/2023
TAS reports signed and sealed by Tanya A. Dolby, FL P.E. No. 93536
2. Material Certification
Miami-Dade RER Product Control Office NOA
Current NOA for Trosifol PVB Interlayer by Kuraray

Installation:

Refer to Installation Instructions, **RWD006**, for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to installation instructions, **RWD006**, for design pressures dependent on size options.