



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

Product Evaluation Report

of

**ArmRLite Door Manufacturing Co., Inc.
WZ3D Sectional Garage Door
(WZ3) (Impact)**

for

Florida Product Approval

FL# FL46038

Report No. 9020

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Exterior Doors
Sub – Category:	Sectional Exterior Door Assemblies
Product:	WZ3D Sectional Garage Door
Materials:	Aluminum 5005-H14/6063-T6
Product Dimensions:	See Installation Instructions, ARL003

Prepared for:

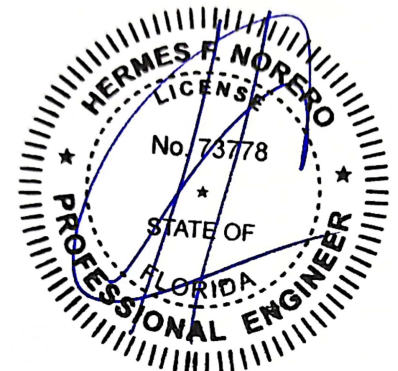
**ArmRLite Door Manufacturing Co., Inc.
40 Colonial Dr.
Piscataway, NJ 08854**

Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 11/29/2023

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

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

Manufacturer: ArmRLite Door Manufacturing Co., Inc.

Product Category: Exterior Doors

Product Sub-Category: Sectional Exterior Door Assemblies

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

Product Name: **WZ3D Sectional Garage Door (WZ3) (Impact)**

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **ArmRLite Door Manufacturing Co., Inc.** based on Method 1d 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 **ARL003**, 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 not require** an impact resistant covering in Wind Zone 3 or less.
4. 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 in Wind Zone 4.
5. Site conditions that deviate from the details of installation instructions **ARL003** require further engineering analysis by a licensed engineer or registered architect.
6. See Installation Instructions **ARL003** 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 **National Accreditation and Management Institute**.
(FBC Organization # QUA1789)

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

- ASTM E283-04(12)
- ASTM E330-14
- ASTM E1886-19
- ASTM E1996-20

Referenced Data:

1. Product Testing performed by **Molimo LLC**
(FBC Organization # TST11282)
Report #: 12591.01-106-13, Report Date: 11/20/2023
2. Material Certification
Miami-Dade County Notice of Acceptance
Eastman Chemical Company (Previously Solutia)
Saflex PVB Interlayer

Installation:

Refer to Installation Instructions (**ARL003**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**ARL003**) for design pressures based on size, configuration, and glass types.