



BUILDING DROPS

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Certificate of Authorization: 29578

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Product Evaluation Report

of

Shwinco Architectural Products, LLC.

**Series 9000 Aluminum Mullion
(HVHZ) (Impact Rated)**

for

Florida Product Approval

FL# FL29827

Report No. 7142

Current Florida Building Code

Method: 1 – D (Engineering Evaluation)
Category: Windows
Sub – Category: Mullions

Product: Series 9000 Aluminum Mullion
(HVHZ) (Impact Rated)
Material: 6063-T5
Product Dimensions: See Installation Instructions, SWD048

Prepared for:

Shwinco Architectural Products, LLC.
171 Jet Services Way
Dothan, AL 36303

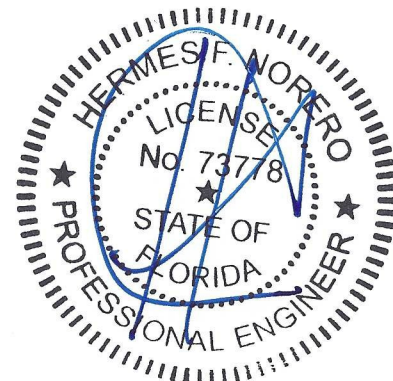
Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 09/15/2020

Contents:

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Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2020.10.11 18:56:17 +02'00'



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



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Date: 09/15/20

Report No: 7142

Manufacturer: Shwinco Architectural Products, LLC.

Product Category: Windows

Product Sub-Category: Mullions

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

Product Name: Series 9000 Aluminum Mullion
(HVHZ) (Impact Rated)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Shwinco Architectural Products, LLC.** 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 Drawing No. **SWD048**, 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. Adjoining window and doors shall be equally rated or provided with an impact resistant covering.
4. Site conditions that deviate from the details of installation Instructions **SWD048** require further engineering analysis by a licensed engineer or registered architect.
5. See installation Instructions **SWD048** for size and design pressure limitations.



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Quality Assurance: The manufacturer has demonstrated compliance 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).

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

- TAS 201-94
- TAS 202-94
- TAS 203-94
- AAMA/WDMA/CSA 101/I.S.2/A440-11/17
- ASTM E1886-13
- ASTM E1996-17
- 7th Edition FBC Section 1709.8

Referenced Data:

1. Product Testing
Intertek - Atlanta (ATI)
(FBC Organization #: TST3892)
Report #: J0530.06-550-18 Report Date: 04/23/2019
J0530.05-550-18 02/18/2019
TAS Report Signed and Sealed by Vinu J. Abraham, FL PE No. 53820
2. Product Quality Assurance Agency
National Accreditation and Management Institute
(FBC Organization #: QUA1789)

Installation: Refer to Installation Instructions (**SWD048**) for more details of the installation details.

Design Pressure: Refer to Installation Instructions (**SWD048**) for design pressure values based on mulled assembly sizes and configurations.