



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

Product Evaluation Report

of

Eastern Architectural Systems WZ3 Clipped Aluminum Tube Mullions

for

Florida Product Approval

FL# FL17472

Report No. 8795

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Windows
Sub – Category:	Mullions
Product:	WZ3 Clipped Aluminum Tube Mullions
Materials:	Aluminum 6005-T5 & 6063-T6
Product Dimensions:	See Installation Instructions, EAS068

Prepared for:

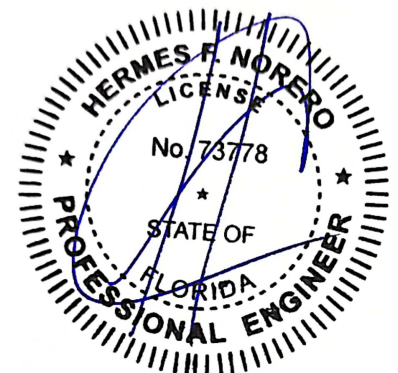
Eastern Architectural Systems
16341 Domestic Ave.
Ft. Myers, FL 33912

Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 8/31/2023

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

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Manufacturer: Eastern Architectural Systems

Product Category: Windows

Product Sub-Category: Mullions

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

Product Name: **WZ3 Clipped Aluminum Tube Mullions**

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Eastern Architectural Systems** 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 **EAS068**, 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 **EAS068** require further engineering analysis by a licensed engineer or registered architect.
6. All configurations shown in installation instructions **EAS068** have been qualified as required by section 1709.8 of the Current Florida Building Code.
7. See Installation Instructions **EAS068** for size and design pressure limitations.

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Quality Assurance: 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 **Keystone Certifications, Inc.** (FBC Organization # QUA1824).

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

- AAMA 450-10
- AAMA/WDMA/CSA 101/I.S.2/A440-11
- AAMA 506-16
- ASTM E1886-13a
- ASTM E1996-14a

Referenced Data:

1. Product Testing Performed by **Certified Testing Laboratories**
(FBC Organization # TST1577)
Report: Dated:
CTLA 3010W-4A 07/18/14
CTLA 3010W-5A 07/18/14
CTLA 3010W-6A 07/18/14
CTLA 3010W-7A 07/18/14
CTLA 3010W-8A 07/18/14
CTLA 3010W-9A 07/18/14
2. Product Testing Performed by **Blackwater Testing Services, Inc.**
(FBC Organization # TST10394)
Report: Dated:
BT-EAS-23-006 08/29/2023
3. Quality Assurance
Keystone Certifications, Inc.
(FBC Organization # QUA1824)

Installation:

Refer to Installation Instructions (**EAS068**) for anchor types, spacing, and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**EAS068**) for design pressure configurations.

Equivalence of Test Standards:

Various test standards have been evaluated for differences in test methodology, if any, between tested editions of the test standards listed below and those editions referenced in the current Florida Building Code. **Eastern Architectural Systems** has tested their products to the following test standard edition(s):

- 1) AAMA 506-08
- 2) ASTM E1886-05
- 3) ASTM E1996-09

Chapter 35 of the current Florida Building Code references the following editions of the above mentioned test standards:

- 1) AAMA 506-16
- 2) ASTM E1886-13a
- 3) ASTM E1996-14a

After review of the above mentioned referenced standards and editions, it has been found that the results and tests carried out meet the requirements for compliance. All referenced standards have been found to be equivalent.