



BUILDING DROPS

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Certificate of Authorization: 29578

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Product Evaluation Report

of

**Eurocraft Industries, Inc.
Equal Leg Aluminum Mullion
(HVHZ) (Impact)**

for

Florida Product Approval

FL# FL32630

Report No. 6955

Current Edition Florida Building Code

Method:	1 – D (Engineering Method)
Category:	Windows
Sub – Category:	Mullions
Product:	Equal Leg Aluminum Mullion (HVHZ)(Impact)
Material:	Aluminum
Reinforcement:	Steel
Product Dimensions:	See Installation Instructions, ECI027

Prepared For:

**Eurocraft Industries, Inc.
7905 NW 77th Ave.
Medley, FL 33166**

Prepared by:

Hermes F. Norero, P.E.

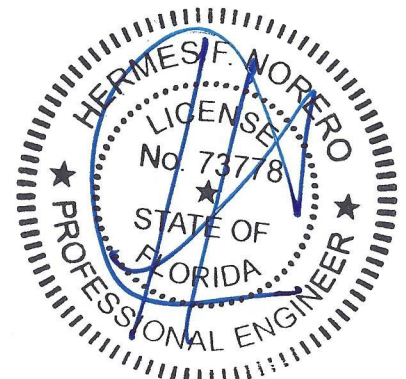
Florida Professional Engineer # 73778

Date: 07/02/2020

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Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2020.08.08 19:11:52 -04'00'



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



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Date: 07/02/2020

Report No:6955

Manufacturer: Eurocraft Industries, Inc.

Product Category: Windows

Product Sub-Category: Mullions

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

Product Name: Equal Leg Aluminum Mullion (HVHZ) (Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Eurocraft Industries, Inc.** based on Method 1d of the State of Florida Product Approval, Florida Department of Business & 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 edition Florida Building Code.

See Installation Instructions **ECI027**, 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 Edition 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 edition Florida Building Code and does not require an impact resistant covering.
4. Site conditions that deviate from the details of drawing **ECI027** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **ECI027** 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 program audited by and approved by **National Accreditation & Management Institute** (FBC Organization #: **QUA1789**).

Performance Standards:

The product described herein has been evaluated per:

- AAMA/WDMA/CSA 101/I.S.2/A440-11
- TAS 201-94
- TAS 202-94
- TAS 203-94
- ASTM E1886-13
- ASTM E1996-14

Referenced Data:

1. Product Testing performed by Blackwater Testing, Inc.
(FBC Organization # TST10394)
Report: BT-EUR-19-002, Report Date: 04/26/19
Report: BT-EUR-19-005, Report Date: 02/06/20
Signed and sealed by Constantin Bortes, FL P.E. 77915

Report: BT-EUR-19-006, Report Date: 02/06/20
Signed and sealed by Micheal D. Caldwell, FL P.E. 49919
2. Quality Assurance
National Accreditation & Management Institute
(FBC Organization #: **QUA1789**)

Installation:

Refer to Installation Instructions (**ECI027**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**ECI027**) for design pressures and product sizes.



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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. The manufacturer has tested their products to the following test standard edition(s):

- 1) AAMA/WDMA/CSA 101/I.S.2/A440-17

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

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

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 with the referenced standard. All referenced standards have been found to be equivalent.