



# BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

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## Product Evaluation Report

*of*

**Eastern Metal Supply**

**28 Gauge Storm Panel  
HVHZ Impact Rated**

*for*

**Florida Product Approval**

**FL# FL22270**

**Report No. 5154**

**6<sup>th</sup> Edition (2017) Florida Building Code**

<b>Method:</b>	<b>1 – D (Engineering Evaluation)</b>
<b>Category:</b>	<b>Shutters</b>
<b>Sub – Category:</b>	<b>Storm Panels</b>
<b>Product:</b>	<b>28 Gauge Steel Storm Panel</b>
<b>Material:</b>	<b>Galvanized Steel</b>
<b>Product Dimensions:</b>	<b>See Installation Instructions, EMS004</b>

**Prepared for:**

**Eastern Metal Supply  
4268 Westroads Drive  
West Palm Beach, FL 33407**

**Prepared by:**

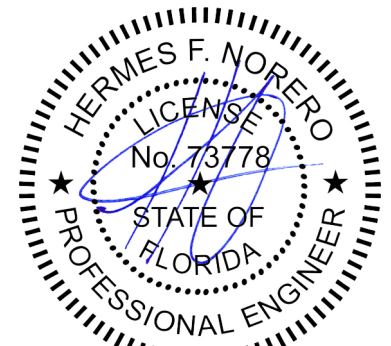
**Hermes F. Norero, P.E.**

Florida Professional Engineer # 73778

Date: 10/03/2017

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



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**Manufacturer:** Eastern Metal Supply

**Product Category:** Shutters

**Product Sub-Category:** Storm Panels

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

**Product Name:** 28 Gauge Storm Panel  
HVHZ Impact Rated

**Scope:** This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Eastern Metal Supply** based on Method 1d of the Florida Product Approval System, 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 **EMS004**, signed and sealed by Hermes F. Norero (FL # 73778), for specific use parameters.

**Limits of Use:**

1. This product has been evaluated and is in compliance with the 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 Florida Building Code and meets all requirements for impact resistant coverings when installed in compliance with requirements of **EMS004**.
4. Site conditions that deviate from the details of **EMS004** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **EMS004** 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 an approved quality assurance program audited through **National Accreditation and Management Institute** (FBC Organization #: QUA1789).

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

- TAS 201-94
- TAS 202-94
- TAS 203-94

**Referenced Data:**

1. Product Testing performed by **Blackwater Testing Inc** (FBC Organization # TST10394)  
Report #: BT-EMS-16-001                      Report Date: 08/23/2016  
Signed and sealed by Constantin Bortes, P.E. FL# 77915
2. Quality Assurance  
**National Accreditation and Management Institute**  
(FBC Organization #: QUA1789)

**Installation:**

Refer to Installation Instructions (**EMS004**) for anchor spacing and more details of the installation requirements.

**Design Pressure:**

Refer to Installation Instructions (**EMS004**) for design pressures based on size and configuration.