

## Product Evaluation Report

*of*

**Eastern Metal Supply  
28 Gauge Storm Panel  
(HVHZ) (Impact)**

*for*

**Florida Product Approval**

**FL# FL22270**

**Report No. 8826**

### Current 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 Storm Panel</b>
<b>Materials:</b>	<b>Galvanized Steel</b>
<b>Product Dimensions:</b>	<b>See Installation Instructions, EMS004</b>

### Prepared for:

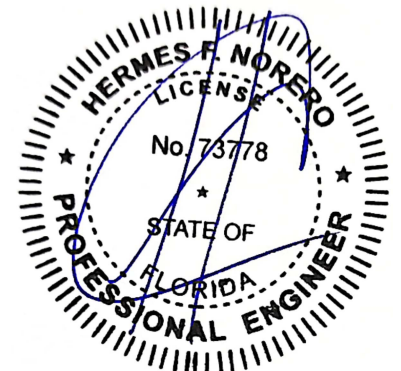
**Eastern Metal Supply  
4268 Westroads Drive  
West Palm Beach, FL 33407**

### Prepared by:

**Hermes F. Norero, P.E.**  
Florida Professional Engineer # 73778  
Date: 09/18/2023

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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)

**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 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 **EMS004**, 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 meets all requirements for impact resistant covering when installed in compliance with requirements of **EMS004**.
4. Site conditions that deviate from the details of installation instructions **EMS004** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **EMS004** 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 evaluated per:

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

**Referenced Data:**

1. Product Testing performed by **Blackwater Technical Services Inc.** (FBC Organization # TST10394)  
Report #: BT-EMS-16-001, Report Date: 08/23/2016  
Report Signed and Sealed by Constantin Bortes, FL PE No. 77915

**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, configuration, and glass types.