



## Specialty Engineering Services & Solutions, LLC

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Certificate of Authorization #32371

October 22, 2023

### Product Evaluation Report

Application Number: FL29706

SESS Project Number: 23-2790

Product Manufacturer: Storm Smart Industries, Inc.

6182 Idlewild Street

Fort Myers, FL 33966

Product Name & Description:

**Storm Catcher Smart Clip Hurricane / Wind Abatement System HVHZ & Non-HVHZ**

#### Scope:

This product evaluation report is issued in accordance with the requirements of the Florida Department of Business and Professional Regulation (Florida Building Commission) Rule 61G20-3.005 F.A.C., for statewide acceptance per Method 1(d). The product noted above has been tested and evaluated as summarized below to show compliance with the Florida Building Code Eighth Edition (2023) and meets the requirements as specified in the code.

#### Supporting Info:

Installation drawing, Storm Catcher Smart Clip Hurricane / Wind Abatement System, FL#29706, dated 12/14/2020 and signed and sealed by Jeffrey C. Friant, P.E., is an integral part of this evaluation report and are based on the certified test report detailed below.

Test report 19-8870 prepared by the Fenestration Testing Laboratory, Inc., signed and sealed by Idalmis Ortega, P.E., dated 5/24/19, expiring on 5/8/29, followed and passed the requirements of test standards TAS 201, TAS 202 & TAS 203 as well as ASTM E330, ASTM E1996 and ASTM 1886

Structural engineering calculations have been prepared which evaluate the product based on comparative and / or rational analysis to qualify the following design criteria:

- 1) Maximum allowable anchor spacing
- 2) Minimum separation from glass requirements

No 33% increase in allowable stress has been used in the design of this product

**Impact Resistance:** This product has been tested and designed to resist large and small missile impact.

**Wind Load Resistance:** This product was designed to resist the wind loads as indicated in the allowable span and spacing tables as shown in the product approval drawings.



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**Installation:** The product /system shall be installed in accordance with the installation instruction / product approval drawings. This evaluation report offers no instructions for installation. Its sole purpose is to certify that the product was tested in accordance with the current code requirements and to list supporting and limiting information.

**Limitations & Conditions of Use:** Use of this product shall be in strict accordance with its installation instructions / approval drawings. All components shall be of the material specified and installed per the manufacturer's instructions.

All supporting host structures shall be designed to resist all superimposed loads and shall be of a material listed in the anchor tables. Host structure conditions which are not shown shall be designed as a site-specific design by a registered professional engineer.

All components which are permanently installed shall be protected against corrosion, contamination, and other such damage at all times.

This product has been designed for use both inside and outside the High Velocity Hurricane Zone (HVHZ).

Respectfully,

Jeffrey C. Friant, P.E. 60974

Digitally signed by Jeffrey C. Friant, P.E. 60974  
Date: 2023.10.23 07:23:14 -04'00'

Jeffrey C. Friant, P.E. FL#60974

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