



Specialty Engineering Services & Solutions, LLC

18540 126th Terrace North, Jupiter, FL 33478

M: 561-412-8287

Jeffrey.friant@specialtyengineeringservices.com

www.sess-inc.com

Certificate of Authorization #32371

August 25, 2025

Product Evaluation Report

Application Number: FL11291-R13 (Revision)

SESS Project Number: 25-3245

Product Manufacturer: Storm Smart Industries, LLC

6182 Idlewild Street

Fort Myers, FL 33966

Product Name & Description: Storm Catcher 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 Product Evaluation and Quality Assurance for State Approval (Florida Administrative Code), 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). The product as evaluated is in compliance with the Code and that the product is, for the purpose intended, at least equivalent to that required by the Code.

Supporting Info:

Installation drawing, Storm Catcher Wind Abatement System, FL#11291, dated 10/13/2022 and signed and sealed by Jeffrey C. Friant, P.E., is an integral part of this evaluation report and is based on the certified test reports detailed below.

The system was tested in accordance with the requirements of TAS201, TAS 202 & TAS 203 as well as with the requirements of ASTM E1996, E1886 and E330. The test reports are listed within the engineered Installation Instructions and are provided here as reference:

Report numbers:

20-2158 by Fenestration Testing Laboratory, Inc., Dated 10/10/2020

18-8274 by Fenestration Testing Laboratory, Inc., Dated 10/26/2018

17-7543 by Fenestration Testing Laboratory, Inc., Dated 10/11/2017

17-7199 by Fenestration Testing Laboratory, Inc., Dated 8/8/2017

17-7449 by Fenestration Testing Laboratory, Inc., Dated 10/19/2017

15-5892 by Fenestration Testing Laboratory, Inc., Dated 1/20/2016

15-5893 by Fenestration Testing Laboratory, Inc., Dated 1/20/2016

Signed by Idalmis Ortega, P.E. 76905

13-4387 by Fenestration Testing Laboratory, Inc., Dated 10/21/2013

Signed by Marlin D. Brinson, P.E. 60749

Testing for Self-Ignition Temperature, Rate of Extent of Burn and Smoke Density were performed according to ASTM D1929, ASTM D2843, ASTM D635 per test reports HETI-17-F301, F302, F303, F304 and F305; Dated June 14, 2017; Signed by Rafael E. Droz-Seda, P.E. FL



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See attached letter signed by Jeffrey C. Friant, P.E. that qualifies this product for UV requirements based on ASTM G154-16 and ASTM G155-13.

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 design pressure tables as shown in the product evaluation document / approval drawings.

Installation: This 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 lists the supporting and limiting information.

The parts and components of this tested and approved system shall be limited to the specific products and materials specified in the product evaluation document.

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 the 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 Friant, P.E. 60974

 Digitally signed by Jeffrey Friant, P.E. 60974
Date: 2025.08.25 08:12:34 -04'00'

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

Owner

Specialty Engineering Services & Solutions

Jeffrey.Friant@Specialtyengineeringservices.com