



1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

Product Evaluation Report

of

**Stabilit America, Inc. dba Resolite
Polycarbonate Storm Panel
(HVHZ) (Impact)**

for

Florida Product Approval

FL# FL21379

Report No. 9334

Current Florida Building Code

Method: 1-D (Engineering Evaluation)
Category: Shutters
Sub – Category: Storm Panels

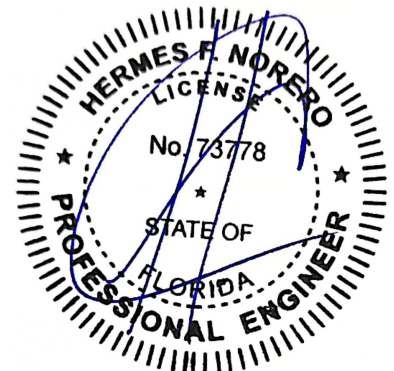
Product: Polycarbonate Storm Panel
Materials: Translucent Polycarbonate
Product Dimensions: See Installation Instructions, RES002

Prepared for:

**Stabilit America, Inc. dba Resolite
285 Industrial Drive
Moscow, TN 38057**

Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 5/30/2025



Contents:

Evaluation Report Pages 1 – 4

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.06.04 14:26:11 -04'00'

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

1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

Manufacturer: Stabilit America, Inc. dba Resolite

Product Category: Shutters

Product Sub-Category: Storm Panels

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

Product Name: Polycarbonate Storm Panels
(HVHZ) (Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Stabilit America, Inc. dba Resolite** 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 **RES002**, 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 26 of the current edition of the Florida Building Code and **does not** require impact resistant covering in areas requiring Impact Resistance.
4. Site conditions that deviate from the details of installation instructions **RES002** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **RES002** for size and design pressure limitations.

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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 **Keystone Certifications, Inc.** (FBC Organization # QUA1824).

Performance Standards: The product described herein has been evaluated per:

- TAS 201-94
- TAS 202-94
- TAS 203-94
- ASTM E1886-13(a)
- ASTM E1996-17

Referenced Data:

1. Product Testing performed by **National Certified Testing Laboratories, Inc.**
(FBC Organization # TST1589)
Report #: NCTL-210-4034-01
Signed and Sealed by Gerald J. Ferrara, P.E. FL# 11985
Report Date: 09/06/16
2. Material Testing performed by **PRI Construction Material Technologies LLC.**
(FBC Organization # TST5878)
Report #: 2765T0001
Report Date: 03/31/2025
3. Quality Assurance
Keystone Certifications, Inc.
(FBC Organization # QUA1824)

Installation:

Refer to Installation Instructions (**RES002**) for anchor types, spacing, and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**RES002**) for design pressure configurations.

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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. Stabilit America, Inc. dba Resolite has tested their products to the following test standard edition(s):

- 1) ASTM E1886-05
- 2) ASTM E1996-05/09

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

- 1) ASTM E1886-13a
- 2) ASTM E1996-17

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. All referenced standards have been found to be equivalent.