

## **ENGINEERING EXPRESS® (EX) PRODUCT EVALUATION REPORT**

August 6, 2026

Application Number: FL 13434.1  
EX Project Number: 26-99091  
  
Product Manufacturer: ABC Supply Outdoor Solutions  
Manufacturer Address: 400 West McNab Rd  
Ft Lauderdale, FL 33309

Product Name & Description: Fullview Bahama Shutter – HVHZ & Non-HVHZ

### ***Scope of Evaluation:***

This Product Evaluation Report is being issued in accordance with the requirements of the Florida Department of Business and Professional Regulation (Florida Building Commission) Rule Chapter 61G20-3.005, F.A.C., for statewide acceptance per Method 1 (d). The product noted above has been tested and/or evaluated as summarized herein to show compliance with standard ASCE 7-22 (ASD) and the Florida Building Code Ninth Edition (2026) and is, for the purpose intended, at least equivalent to that required by the Standard and Code. Re-evaluation of this product shall be required following pertinent Florida Building Code or ASCE Standard modifications or revisions.

### ***Substantiating Data:***

- **PRODUCT EVALUATION DOCUMENTS**

EX Performance Evaluation document # 26-99091 titled “Fullview Bahama Shutter”, prepared by Engineering Express, Inc., signed & sealed by Colby Bennardo, P.E. is an integral part of this Evaluation Report, pages 1 through 6.

- **TEST REPORTS (IF APPLICABLE)**

The product has been tested per the following:

| Test Lab                       | Test Report #   | Test Standard            | Test Description                                             | Signed & Sealed By:    |
|--------------------------------|-----------------|--------------------------|--------------------------------------------------------------|------------------------|
| Hurricane Test Laboratory, LLC | 0353-1002-09    | ASTM E330-02             | Uniform Static Structural Performance                        | Vinu J. Abraham, PE    |
| Architectural Testing Inc.     | G0565.01-450-44 | TAS 202                  | Uniform Static Structural Performance                        | Justin P. McDonald, PE |
| Architectural Testing Inc.     | G0565.02-450-44 | TAS 202                  | Uniform Static Structural Performance                        | Justin P. McDonald, PE |
| Hurricane Test Laboratory, LLC | 0353-1002-09    | ASTM E1886-05 & E1996-06 | Large missile impact resistance & Cyclic loading performance | Vinu J. Abraham, PE    |

**TOWN & COUNTRY INDUSTRIES – FULLVIEW BAHAMA SHUTTER**

|                            |                                   |                                     |                                                                                                     |                        |
|----------------------------|-----------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------|
| Architectural Testing Inc. | G0565.01-450-44 & G0565.02-450-44 | TAS 201 & 203                       | Large missile impact resistance & Cyclic loading performance                                        | Justin P. McDonald, PE |
| Intertek                   | Q9101.01-450-18 R0 &              | ASTM E330, ASTM E1886, & ASTM E1996 | Uniform Static Structural Performance, Large missile impact resistance & Cyclic loading performance | Tyler Westerling, P.E. |
| Intertek                   | Q9101.02-450-18 R0 &              | TAS 201, 202, & 203                 | Uniform Static Structural Performance, Large missile impact resistance & Cyclic loading performance | Tyler Westerling, P.E. |

- **STRUCTURAL ENGINEERING CALCULATIONS**

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

1. Minimum Glass Separation
2. Anchor Spacing
3. Maximum Allowable Size/Pressure Combinations
4. Anchor Capacity

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

When installed outside the HVHZ, this system has been designed as a non-porous assembly as defined in the ASTM E1996.

***Impact Resistance:***

Large Impact Resistance has been demonstrated as evidenced in previously listed test reports and is accounted for in the engineering design of this product.

***Wind Load Resistance:***

This product has been designed to resist wind loads as indicated on its respective Performance Evaluation document (i.e. engineering document).

***Installation:***

The product listed above shall be installed in strict compliance with the Performance Evaluation document (i.e. engineering document), along with all components noted therein.

The product components shall be of the material specified in the Performance Evaluation document (i.e. engineering document).

## TOWN &amp; COUNTRY INDUSTRIES – FULLVIEW BAHAMA SHUTTER

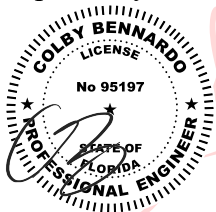
**Limitations & Conditions of Use:**

Use of each product shall be in strict accordance with its respective Performance Evaluation document (i.e. engineering document) as noted herein.

All supporting host structures shall be designed to resist all superimposed loads and shall be of a material listed in each product's respective anchor schedule. Host structure conditions which are not accounted for in each product's respective anchor schedule shall be designed for on a site-specific basis by a registered professional engineer.

All components which are permanently installed shall be protected against corrosion, contamination, and other such damage at all times. Any alteration to the respective Performance Evaluation document will invalidate it. This product has been designed for use inside and outside of the High Velocity Hurricane Zone (HVHZ & NON-HVHZ).

Respectfully,



Digitally signed  
by Colby  
Bennardo  
Date: 2026.08.17  
16:04:51 -04'00'

Colby Bennardo, P.E.  
**ENGINEERING EXPRESS®**  
PE# 95097 | Cert. Auth. 9885

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