

EVALUATION REPORT

Manufacturer: Town & Country Industries
400 West McNab Road
Fort Lauderdale, FL 33309

Code: Florida Building Code – Building, 6th Edition (2017)

Product Category: Shutters

Subcategory: Storm Panels

Compliance Method: Rule 61G20-3 Method 1(d), Evaluation Report by an Architect or Engineer

Product Name: 0.050 & 0.0615 Aluminum Storm Panels

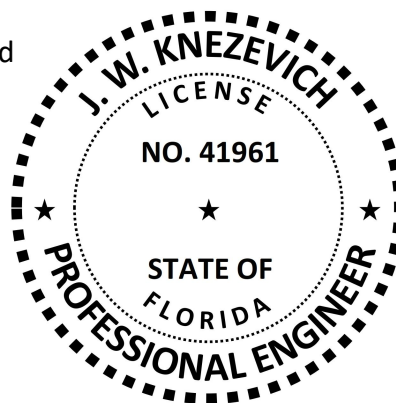
Description: 2" x 12" Aluminum Corrugated Storm Panels

Purpose: This Evaluation Report is issued in accordance with Rule 61G20-3 pertaining to Product Approvals issued by the Florida Building Commission. This is a building code evaluation. Neither Knezevich Consulting, LLC nor John W. Knezevich, PE is the Designer of Record for any project using this Evaluation Report for permitting unless specifically retained for that purpose.

Compliance: This impact resistant storm panel shutter system has been evaluated and found to be in compliance with the referenced Code and is, for the purpose intended, at least equivalent to that required by the Code. This Evaluation Report is valid provided there are no changes to the product, quality assurance program, or referenced code. A re-evaluation of the product is required following any code changes in order to maintain its validity.

This item has been electronically signed and sealed by J. W. Knezevich, PE on 08/28/17 using a Digital Signature.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



Evaluation Report Prepared by:
Knezevich Consulting, LLC

John W. Knezevich, PE
President
FL License No. PE 41961
FL CA No. 27988
FBC Organization ID No. ANE1754

EVALUATION REPORT

Page 2 of 3

1. Evidence Submitted:**1.1. Test Reports:**

1.1.1. 0.050 Panels: Construction Testing Corporation (CTC), signed and sealed Test Report No. 00-028 dated 06/28/2000. Hurricane Testing Laboratory (HTL), signed and sealed Test Report No. 0353-0804-10 dated 9/7/2010. Testing complies with TAS 201-94, TAS 202-94, and TAS 203-94.

1.1.2. 0.0615 Panels: Construction Testing Corporation (CTC), signed and sealed Test Report No. 98-014 dated 04/23/1998 & 00-038 dated 11/07/2000. Hurricane Testing Laboratory (HTL), signed and sealed Test Report No. 0353-0308-11 dated 04/07/2011. Testing complies with TAS 201-94, TAS 202-94, and TAS 203-94.

1.2. Product Evaluation Document:

Knezevich Consulting, LLC Drawing No. KC15-0107 dated April 01, 2015, Sheets 1 through 8 with Revision 1 dated August 5, 2017. The Product Evaluation Document is an integral part of this Evaluation Report.

1.3. Structural Calculations:

Calculations prepared by John W. Knezevich, PE verify the system performance based on testing and analysis of tested properties. Calculations also verify the specified anchorage is compliant with allowable anchor capacities.

1.4. Quality Assurance

National Accreditation and Management Institute, Inc. (NAMI) – FBC Organization Number QUA1789.

2. Impact Resistance:

2.1. This Storm Panel Shutter System is large missile impact resistant and is acceptable for use where large or small missile impact resistant coverings are required.

3. Wind Load Resistance:

3.1. This Storm Panel Shutter System is designed and tested to resist wind loads as referenced on the Product Evaluation Documents.

4. Installation:

4.1. Installation, including anchorage to structure, shall be in accordance with the Product Evaluation Document referenced herein.

5. Material Specifications:

5.1. Component materials, anchors, and structural substrates acceptable for use shall be in accordance with the Product Evaluation Documents.

6. Labeling:

6.1. Shutters shall be labeled in compliance with FBC Section 1709.9.

EVALUATION REPORT

Page 3 of 3

7. Limitations and Conditions of Use:

- 7.1. This evaluation report covers uses as detailed in the referenced Product Evaluation Documents. Conditions outside the scope of those documents are not within the scope of this evaluation.
- 7.2. This evaluation report is applicable for installations within or outside of the Florida Building Code, High Velocity Hurricane Zone (HVHZ). Reference tables on Sheet 2 applicable for both zones.

8. Certificate of Independence

- 8.1. Knezevich Consulting, LLC does not have, nor will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
- 8.2. Knezevich Consulting, LLC is not owned, operated, or controlled by any company manufacturing or distributing products it evaluates.
- 8.3. John W. Knezevich, PE does not have, nor will acquire, a financial interest in any company manufacturing or distributing products it evaluates.
- 8.4. John W. Knezevich, PE does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.