

EVALUATION REPORT

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Manufacturer: National Approved Shutter Association
15701 SW 29 Street, Suite 100
Miramar, FL 33027

Code: Florida Building Code, Building – 7th Edition (2020)

Product Category: Shutters

Subcategory: Storm Panels

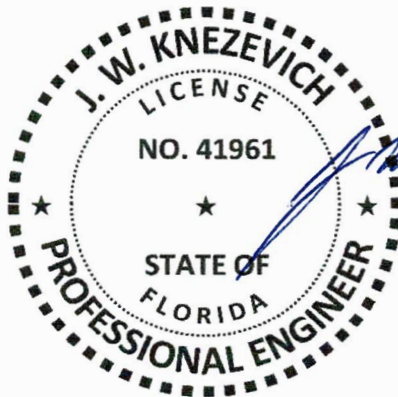
Compliance Method: Rule 61G20-3 Method 1(d), Evaluation Report by an Architect or Engineer

Product Name: 0.050 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.



Evaluation Report Prepared by:
Knezevich Consulting, LLC

10/1/2020

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President
FL License No. PE 41961
FL CA No. 27988
FBC Organization ID No. ANE1754

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

Construction Testing Corporation (CTC), Test Report No. 99-048 dated 12/27/1999 signed and sealed by Christopher G. Typson, PE on 12/27/99 and CTC Test Report No. 08-015 dated 08/28/2008 signed and sealed by Yamil G. Kuri, PE on 4/1/11. Testing complies with TAS 201-94, TAS 202-94, and TAS 203-94.

1.2. Product Evaluation Document:

Knezevich Consulting, LLC Drawing No. KC20-0721 dated October 1, 2020, Sheets 1 through 6. 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. Quality Assurance confirmed current at Florida BCIS, expires December 31, 2020.

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.

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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 4 for applicable zone.

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 for which this evaluation report is issued.
- 8.2. Knezevich Consulting, LLC is not owned, operated, or controlled by any company manufacturing or distributing products for which this evaluation report is issued.
- 8.3. John W. Knezevich, PE does not have, nor will acquire, a financial interest in any company manufacturing or distributing products evaluated in this report.
- 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 products for which this evaluation report is issued.