

# R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

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Florida Board of Professional Engineers Certificate of Authorization No. 9813

## Product Evaluation Report

Report No.: FL-10238.2

Date: July 1, 2015

Product Category	Sub Category	Manufacturer	Product Name
Impact Protective Systems	Operable	Kane Security Systems 515 N. Fraley Street Kane, PA 16735 Phone: 814.837.6464	Van Guard II Aluminum Hurricane Barrier Outswing "Impact"

**Scope:** Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Kane Security Systems, Inc. based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Department of Business & Professional Regulation.

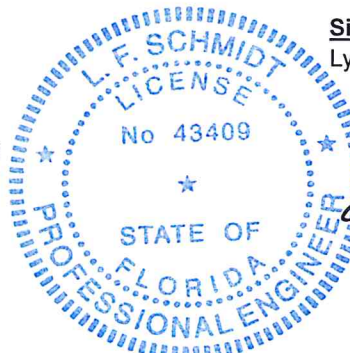
RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

### Limitations:

1. This product has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code structural requirements excluding the "High Velocity Hurricane Zone".
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with Section 1609.1.2 of the FBC not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and Section 1609.1.2.2 of the FBC.
4. Site conditions that deviate from the details of drawing FL 10238.2 require further engineering analysis by a licensed engineer or registered architect.
5. See drawing FL-10238.2 for size and design pressure limitations.

### Supporting Documents:

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| 1. <b>Test Report No.</b><br>TEL 08-02430004   | <b>Test Standard</b><br>ASTM E1996/1886-02<br>ASTM E330-02     | <b>Testing Laboratory</b><br>Testing Evaluation Lab., Inc. | <b>Signed by</b><br>Wendell W. Haney, P.E.               |
| 2. <b>Drawing No.</b><br>No. FL 10238.2  | <b>Prepared by</b><br>RW Building Consultants, Inc. (CA #9813) |  | <b>Signed &amp; Sealed by</b><br>Lyndon F. Schmidt, P.E. |
| 3. <b>Calculations</b><br>Anchoring  | <b>Prepared by</b><br>RW Building Consultants, Inc. (CA #9813) |  | <b>Signed &amp; Sealed by</b><br>Lyndon F. Schmidt, P.E. |
| 4. <b>Quality Assurance</b><br>Certificate of Participation issued by Keystone Certifications, Inc., certifying that Kane Security Systems, Inc. is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. |  |  |  |



Lyndon F. Schmidt, P.E.  
FL PE No. 43409  
7/1/2015