



R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

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Florida Board of Professional Engineers Registry License No. 9813

Product Evaluation Report

Report No.: FL-10238.3

Date: February 3, 2025

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 8th Edition (2023) Florida Building Code structural requirements including 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 the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. Site conditions that deviate from the details of drawing FL 10238.3 require further engineering analysis by a licensed engineer or registered architect.
5. All steel shall be protected as specified in Section 2222.6 of the FBC.
6. See drawing FL-10238.3 for size and design pressure limitations.

Supporting Documents:

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| 1. Test Report No.
NCTL 210-2758-1, 2, 3, 4 | Test Standard
TAS 201-94, 202-94 & TAS 203-94 | Testing Laboratory
NCTL | Signed by
Barry D. Portnoy, P.E. |
| 2. Drawing No.
No. FL 10238.3 | Prepared by
RW Building Consultants, Inc. (#9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 3. Calculations
Anchoring | Prepared by
RW Building Consultants, Inc. (#9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
4. **Quality Assurance**
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.

Digitally signed by
Lyndon F Schmidt
Date: 2025.02.03
07:30:18 -05'00'

LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409
This item has been digitally signed and sealed by L. F. Schmidt on 2-03-25.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA