

Product Evaluation Report**Report No.:** FL-12389.3**Date:** September 13, 2023

Product Category	Sub Category	Manufacturer	Product Name
Panel Walls	Siding	Guernsey Architectural Solutions 1731 Ranger Ave., Suite C Deland, FL 32724	ACM Wall Panels (Wet Seal) "Small Missile Impact"

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. (System ID # 1998) for Guernsey Architectural Solutions 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 (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. When used in the "HVHZ", for installations above 30 feet above grade, this product complies with Section 1626 of the FBC as a small missile impact resistant product and does not require an impact resistant covering. For installations 30 feet or less above grade, this product must be protected with an impact resistant covering that complies with Section 1609.1.2 of the FBC or be directly attached to an impact approved substrate.
3. Site conditions that deviate from the details of drawing FL-12389.3 require further engineering analysis by a licensed engineer or registered architect.
4. This product meets water infiltration requirements for "HVHZ".
5. The wall panels are shown (as tested) attached to 16 ga. metal studs at a maximum stud spacing of 16" o.c. The metal studs are part of the support structure and shall be designed by the architect or engineer of record and submitted to the permitting jurisdiction for review and approval. The wall panels may also be attached directly to other substrate materials as specified by the architect or engineer of record.
6. The wall panels shall not be used to resist diaphragm forces. Supplemental lateral bracing is required.
7. The wall panels shall not be used to resist any axial forces other than self-weight. Supplemental vertical support for floor and roof systems is required.
8. See drawing FL-12389.3 for size and design pressure limitations.

Supporting Documents:

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| 1. <u>Test Report No.</u>
TEL 01670123
TEL 01670247 B
8902-122031 | <u>Test Standard</u>
TAS 201, 202 & 203-94
ASTM D 1929-96
ASTM E 84-03 | <u>Testing Laboratory</u>
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc.
Omega Point Lab./Intertek Testing | <u>Signed by</u>
Lyndon F. Schmidt, P.E.
Lyndon F. Schmidt, P.E.
Eric G. Hutchinson |
| 2. <u>Drawing No.</u>
No. FL-12389.3 | <u>Prepared by</u>
RW Building Consultants, Inc. (#9813) | | <u>Signed & Sealed by</u>
Lyndon F. Schmidt, P.E. |
| 3. <u>Quality Assurance</u>
Certificate of Participation issued by National Accreditation and Management Institute, certifying that Guernsey Architectural Solutions is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. | | | |

Digitally signed by
Lyndon F Schmidt
Date: 2023.09.13
11:43:57 -04'00'

LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409
This item has been digitally signed and sealed by L. F. Schmidt on 9-13-23.
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