



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-16849.2

Date: August 9, 2023

Product Category	Sub Category	Manufacturer	Product Name
Panel Walls	Siding	Quality Metals, Inc. 201 Gordon Street Sanford, FL 32771	ACM Wall Panels (Wet Seal) "Non-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 Quality Metals, 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 (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. When used in areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Section 1609.1.2 & R301.2.1.2.
3. Site conditions that deviate from the details of drawing FL-16849.2 require further engineering analysis by a licensed engineer or registered architect.
4. 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.
5. The wall panels shall not be used to resist diaphragm forces. Supplemental lateral bracing is required.
6. 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.
7. See drawing FL-16849.2 for size and design pressure limitations.

Supporting Documents:

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| 1. Test Report No.
TEL 03151003
8902-118985
01-8361-320d
01-7520-359a
01-8361-038 | Test Standard
ASTM E 330-02
ASTM E 84-03
ASTM E 84-97
ASTM E 84-95
ASTM D 1929-91a | Testing Laboratory
Testing Evaluation Lab., Inc.
Intertek Testing
SW Research Institute
SW Research Institute
SW Research Institute | Signed by
V. K. Wright
William E. Fitch, P.E.
Alex B. Wenzel
Alex B. Wenzel
Alex B. Wenzel |
| 2. Drawing No.
No. FL-16849.2 | Prepared by
RW Building Consultants, Inc. (#9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
3. **Quality Assurance**
Certificate of Participation issued by National Accreditation and Management Institute, certifying that Quality Metals, 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: 2023.08.09
08:53:52 -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 8-9-23.
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