R W B C

# R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33595 Phone 813.659.9197

Florida Board of Professional Engineers Registry License No. 9813

## *Product Evaluation Report*

***Report No.:*** ***FL-16849.2***

***Date:*** ***July 2, 2026***

| Product Category | Sub Category | Manufacturer | Product Name |
|---|---|---|---|
| **Panel Walls** | **Siding** | **Quality Metals, Inc.<br>201 Gordon Street<br>Sanford, FL 32771** | **ACM Wall Panels<br>(Wet Seal)<br>"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 9th Edition (2026) 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:***

1.

| Test Report No. | Test Standard | Testing Laboratory | Signed by |
|---|---|---|---|
| TEL 03151003 | ASTM E 330-02 | Testing Evaluation Lab.,Inc. | V. K. Wright |
| 8902-118985 | ASTM E 84-03 | Intertek Testing | William E. Fitch, P.E. |
| 01-8361-320d | ASTM E 84-97 | SW Research Institute | Alex B. Wenzel |
| 01-7520-359a | ASTM E 84-95 | SW Research Institute | Alex B. Wenzel |
| 01-8361-038 | ASTM D 1929-91a | SW Research Institute | Alex B. Wenzel |

2.

| Drawing No. | Prepared by | Signed & Sealed by |
|---|---|---|
| No. FL-16849.2 | RW Building Consultants, Inc. (#9813) | 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: 2026.07.02 14:00:18 -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 **7-02-26**.
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**