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-12019.2***

Date: ***September 21, 2023***

Product Category	Sub Category	Manufacturer	Product Name
Panel Walls	**Soffits**	**American Construction Metals** **6938 N US Highway 41** **Apollo Beach, FL 33572**	**"Triple 4" & "Quad 4"** **Aluminum "U-Groove" Soffit**

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. for American Construction Metals 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) 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. Site conditions not covered by drawing FL-12019.2 are subject to further engineering analysis.
4. Wood/CMU wall construction, by others, must be designed properly to receive loads from the soffit and/or 2" X 2" batten strips.
5. Aluminum soffits shall conform to the specification and labelling requirements of FBC Section 1709.10.
6. See drawing FL-12019.2 for size and design pressure limitations.

Supporting Documents:

1.

Test Report No.	**Test Standard**	**Testing Laboratory**	**Signed by**
TEL 01190073	ASTM E330-02	Testing Evaluation Lab., Inc.	Vivian K. Wright
TEL 01191998	ASTM E330-02	Testing Evaluation Lab., Inc.	Vivian K. Wright
TEL 01192924	ASTM E330-14	Testing Evaluation Lab., Inc.	Vivian K. Wright

2.

Drawing No.	**Prepared by**	**Signed & Sealed by**
No. FL-12019.2	RW Building Consultants, Inc. (#9813)	Lyndon F. Schmidt, P.E.

3.

Calculations	**Prepared by**	**Signed & Sealed by**
Anchoring	RW Building Consultants, Inc. (#9813)	Lyndon F. Schmidt, P.E.

4. **Quality Assurance**
   Certificate of Participation issued by Keystone Certifications, Inc., certifying that American Construction Metals is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Digitally signed by Lyndon F Schmidt
Date: 2023.09.21 08:58:50 -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 **9-21-23**.
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