R W B C

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-15384.19***

Date: ***July 7, 2023***

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	**Exterior Door Components**	**Endura Products** **8817 West Market Street** **Colfax, NC 27235** **(336) 668-2472**	**Trilennium®** **Multi-Point Lock** **w/ Plastpro Opaque Fiberglass Single Door w/ Sidelite(s)** **Inswing / Outswing - "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 Endura Products 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. 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 areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of drawing FL-15384.19 require further engineering analysis by a licensed engineer or registered architect.
6. See drawing FL-15384.19 for size and design pressure limitations.

Supporting Documents:

1.

Test Report No.	Test Standard	Testing Laboratory	Signed by
ATI E8966.01-251-47	AAMA/WDMA/CSA101/I.S.2/A440-11	Architectural Testing, Inc.	J. P. McDonald
NCTL-110-18146-3	AAMA/WDMA/CSA101/I.S.2/A440-11	NCTL	Robert H. Zeiders, P.E.
TEL 03851468	TAS 202-94	Testing Evaluation Lab.,Inc.	William B. Shelton
ATI F0810.01-251-47	AAMA/WDMA/CSA101/I.S.2/A440-11	Architectural Testing, Inc.	J. P. McDonald
ATI F1085.01-251-47	AAMA/WDMA/CSA101/I.S.2/A440-11	Architectural Testing, Inc.	J. P. McDonald
ATI G0464.01-251-47	ASTM E330-02	Architectural Testing, Inc.	J. P. McDonald
ATI G0465.01-251-47	ASTM E330-02	Architectural Testing, Inc.	J. P. McDonald

2.

Drawing No.	Prepared by	Signed & Sealed by
No. FL-15384.19	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.
ASTM E 1300 Glass Load	RW Building Consultants, Inc. (#9813)	

4. **Quality Assurance**
Certificate of Participation issued by National Accreditation and Management Institute certifying that Endura Products is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Digitally signed by Lyndon F Schmidt
Date: 2023.07.31 09:25:56 -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 **7-31-23**.
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