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 Registry License No. 9813

Product Evaluation Report

Report No.: ***FL-25610.14***

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

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	**Exterior Doors Components**	**Endura Products** **8811 West Market Street** **Colfax, NC 27235** **Phone: 336.665.4052**	**"FusionFrame"** **Boxed Head & Sill Frame System** **Inswing / Outswing** **"Impact"**

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & 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, Dept. 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 complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level “D” and includes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. This "IMPACT" door jambs, weatherstripping and thresholds, as components, are to be used in combination as a substitute for similar components in an impact approved (complies with FBC Sections 1609.1.2 & R301.2.1.2) continuous head & sill door system possessing a current Florida Statewide Product Approval.
5. The design pressure of the assembly shall be the lesser of the design pressure for the component assembly shown in this approval or the design pressure of the component assembly used in conjunction with this approval.
6. The maximum frame size of the door assembly shall be the lesser of the maximum frame size stated in this approval or the maximum frame size of the door assembly approval used in conjunction with this approval.
7. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
8. Site conditions that deviate from the details of drawing FL-25610.14 require further engineering analysis by a licensed engineer or registered architect
9. See drawing FL-25610.14 for size and design pressure limitations.

Supporting Documents:

1.

Test Report No.	Test Standard	Testing Laboratory	Signed by
TEL 03852339	ASTM E 330-14, 1886-13a, 1996-14a	Testing Evaluation Laboratory	V.K. Wright
TEL 03852098A & 99A	ASTM D 635-10	Testing Evaluation Laboratory	Lyndon F. Schmidt, P.E.
TEL 03852098B & 99B	ASTM D 2843-10	Testing Evaluation Laboratory	Lyndon F. Schmidt, P.E.
TEL 03852098C & 99C	ASTM D 1929-12	Testing Evaluation Laboratory	Lyndon F. Schmidt, P.E.

2.

Drawing No.	Prepared by	Signed & Sealed by
No. FL-25610.14	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 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: 2023.07.12 10:52:59 -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 **7-12-23**.
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