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 Registry License No. 9813

Product Evaluation Report

Report No.: ***FL-25610.9***

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

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Exterior Doors Components	Endura Products 8817 West Market Street Colfax, NC 27235 Phone: 336.665.4052	Z Series Thresholds Single Door w & w/out Sidelites 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".
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 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.
4. These "IMPACT" door thresholds, as components, are to be used in combination as a substitute for similar components in an impact approved continuous head & sill (complies with FBC Sections 1609.1.2 & R301.2.1.2) 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 system assembly used in conjunction with this approval.
6. The maximum frame size of the door assembly shall be lesser of the maximum frame size stated in this approval or the maximum frame size of the system assembly approval used in conjunction with this approval.
7. Site conditions that deviate from the details of drawing FL-25610.9 require further engineering analysis by a licensed engineer or registered architect
8. See drawing FL-25610.9 for size and design pressure limitations.

Supporting Documents:

	Test Report No.	Test Standard	Testing Laboratory	Signed by
1.	TEL 03851377	TAS 201, 202, 203-94	Testing Evaluation Lab.	William B. Shelton, P.E.
	TEL 03851378	TAS 201, 202, 203-94	Testing Evaluation Lab.	William B. Shelton, P.E.
	TEL 03851468	TAS 201, 202, 203-94	Testing Evaluation Lab.	William B. Shelton, P.E.
	L0844.01-251-47	ASTM E330 (14)	Intertek	Brandon Nix

	Drawing No.	Prepared by	Signed & Sealed by
2.	No. FL-25610.9	RW Building Consultants, Inc. (#9813)	Lyndon F. Schmidt, P.E.

	Calculations	Prepared by	Signed & Sealed by
3.	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 10:49:14 -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