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-8845.8***

Date: ***July 6, 2023***

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Taylor Entrance Systems 631 N. First St. West Branch, MI 48661 Phone (800) 248-3600	Steel Edge Glazed Single Door w/ Sidelites Inswing / Outswing "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 Taylor Entrance Systems based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Department of 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 including 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 the "HVHZ" this product complies with Section 1626 of the FBC and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" 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.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of drawing FL-8845.8 require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations using coastal outswing item #31 meet water infiltration requirements for "HVHZ".
8. Inswing configurations do not meet the water infiltration requirements for the "HVHZ". Inswing units shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.
9. When used in the "HVHZ", steel must be protected as specified in FBC Section 2222.6.
10. See drawing FL-8845.8 for size and design pressure limitations.

Supporting Documents:

1. **Test Report No.** / **Test Standard** / **Testing Laboratory** / **Signed by**

Test Report No.	Test Standard	Testing Laboratory	Signed by
ITS 29189	UL 10C (09)	Intertek Testing Services	Michael Puls
3150148SAT—001	ASTM D1929-96(2001)	Intertek Testing Services	Servando Romo
TEL 01311959	TAS 201, 202, & 203-94	Testing Evaluation Lab.,Inc.	William B. Shelton, P.E.
TEL 07-01120135.1	TAS 201, 202, & 203-94	Testing Evaluation Lab.,Inc.	Wendell W. Haney, P.E.

2. **Miami-Dade NOA** / **Materials Testing**
   23-0713.20 / Saflex® PVB Interlayers (Eastman Chemical Company)

3. **Drawing No.** / **Prepared by** / **Signed & Sealed by**
   No. FL-8845.8 / RW Building Consultants, Inc. (#9813) / Lyndon F. Schmidt, P.E.

4. **Calculations** / **Prepared by** / **Signed & Sealed by**

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)	

Digitally signed by Lyndon F Schmidt
Date: 2026.07.22 09:29:23 -04'00'

5. **Quality Assurance**
   Certificate of Participation issued by National Accreditation and Management Association, certifying that Taylor Entrance Systems is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409
This item has been digitally signed and sealed by **L. F. Schmidt** on **7-22-26**.
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