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-47284.11***
Date: ***July 2, 2025***

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	**Swinging Exterior Door Assemblies**	**Trinity Glass International** **33615 1st Way S** **Federal Way, Washington 98446**	**"Direct Glaze" Fiberglass Door** **Double w/ or w/out Sidelite(s)** **Inswing / Outswing** **"Impact"**

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. for Trinity Glass International 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 anchoring drawing has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) 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 Florida Building Code and does not require an impact resistant covering.
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-47284.11 require further engineering analysis by a licensed engineer or registered architect
6. This porduct meets the water infiltration requirements for the "HVHZ".
7. See drawing FL-47284.11 for size and design pressure limitations.

Supporting Documents:

1.

Test Report No.	Test Standard	Testing Laboratory	Signed by
TEL 04253960	TAS 201, 202, & 203-94	Testing Evaluation Lab.,Inc.	William B. Shelton, P.E.
TEL 01370206A,B,C	ASTM D 1929-96, 635-03, 2843-99	Testing Evaluation Lab.,Inc.	V. K. Wright
TEL 01370206D	ASTM G 155-05a, D 638-03	Testing Evaluation Lab.,Inc.	V. K. Wright
TEL 01370210A,B,C	ASTM D 1929-96, 635-03, 2843-99	Testing Evaluation Lab.,Inc.	V. K. Wright
TEL 01370210D	ASTM G 155-05a, D 638-03	Testing Evaluation Lab.,Inc.	V. K. Wright

2.

Drawing No.	Prepared by	Signed & Sealed by
No. FL-47284.11	RW Building Consultants, Inc. (#9813)	Lyndon F. Schmidt, P.E.

3.

Miami-Dade NOA No.	Materials Testing
23-0713.18	Saflex PVB Interlayer (Eastman Chemical Company)

4.

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)	

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

Digitally signed by Lyndon F Schmidt
Date: 2025.07.02 11:16:08 -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 on **7-2-25**.
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