

Product Evaluation Report **Report No.:** FL-37184.1
Date: February 4, 2021

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Trinity Glass International 33615 1st Way S Federal Way, Washington 98446	Glazed Fiberglass Patio Door Single w/ or w/out Sidelite(s) 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 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:

- This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in the "HVHZ", this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
- 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 products meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of drawing FL-37184.1 require further engineering analysis by a licensed engineer or registered architect.
- This product meets the water infiltration requirements for the "HVHZ".
- See drawing FL-37184.1 for size and design pressure limitations.

Supporting Documents:

<u>Test Report No.</u>	<u>Test Standard</u>	<u>Testing Laboratory</u>	<u>Signed by</u>
TEL 04253198	TAS 201, 202 & 203-94	Testing Evaluation Lab.,Inc.	William B. Shelton, P.E.
TEL 01370206A	ASTM D 1929-96	Testing Evaluation Lab.,Inc.	Lyndon F. Schmidt, P.E.
TEL 01370206B	ASTM D D 635-03	Testing Evaluation Lab.,Inc.	Lyndon F. Schmidt, P.E.
TEL 01370206C	ASTM D 2843-99	Testing Evaluation Lab.,Inc.	Lyndon F. Schmidt, P.E.
TEL 01370206D	ASTM G 155-05a, D 638-03	Testing Evaluation Lab.,Inc.	Lyndon F. Schmidt, P.E.
TEL 01370210A	ASTM D 1929-96	Testing Evaluation Lab.,Inc.	Lyndon F. Schmidt, P.E.
TEL 01370210B	ASTM D D 635-03	Testing Evaluation Lab.,Inc.	Lyndon F. Schmidt, P.E.
TEL 01370210C	ASTM D 2843-99	Testing Evaluation Lab.,Inc.	Lyndon F. Schmidt, P.E.
TEL 01370210D	ASTM G 155-05a, D 638-03	Testing Evaluation Lab.,Inc.	Lyndon F. Schmidt, P.E.

2. **Miami Dade NOA** Materials Testing
20-0622.01 Saflex Interlayer (Eastman Chemical Company)

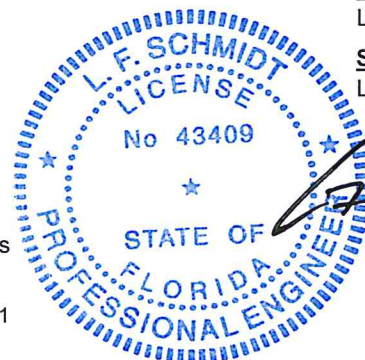
3. **Drawing No.** Prepared by
No. FL 37184.1 RW Building Consultants, Inc. (#9813)

4. **Calculations** Prepared by
Anchoring RW Building Consultants, Inc. (#9813)
ASTM E1300 Glass Load Lyndon F. Schmidt, P.E.

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.

Signed & Sealed by
Lyndon F. Schmidt, P.E.

Signed & Sealed by
Lyndon F. Schmidt, P.E.



Lyndon F. Schmidt, P.E.
FL PE No. 43409
2/8/2021