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 Engineers Certificate of Authorization No. 9813

Product Evaluation Report

Report No.: ***FL-15129.3***

Date: ***May 1, 2015***

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Trinity Glass International 4621 192nd St. East Tacoma, Washington 98446 Phone 235-875-7300 Facsimile 235-875-7301	Opaque Fiberglass "Impact" Door w/ "Non-Impact" Sidelite(s) Inswing/Outswing

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:

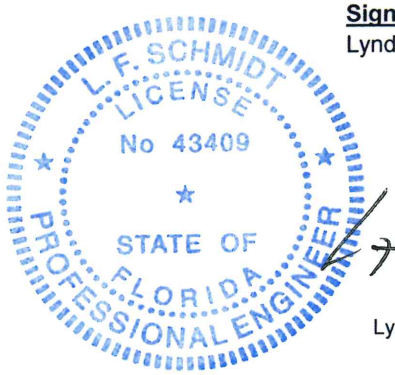
1. This product has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection, the opaque door complies with Section 1609.1.2 of the FBC and does not need to be protected with an impact resistant covering. The sidelite is req'd to be protected with an impact resistant covering that complies with Section 1609.1.2 of the FBC. The opaque door, when used with wood or fiberglass/composite jambs, meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and Section 1609.1.2.2 of the FBC. The opaque door, when used with the PVC jambs, meets missile level "D" but excludes Wind Zone 4.
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-15129.3 require further engineering analysis by a licensed engineer or registered architect.
6. See drawing FL-15129.3 for size and design pressure limitations.

Supporting Documents:

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

TEL 05-0411-6	ASTM E1886/1996-02 ASTM E330-02	Testing Evaluation Lab.,Inc.	Wendell Haney, P.E.
TEL 01470437	ASTM E1886/1996-02 ASTM E330-02	Testing Evaluation Lab.,Inc.	Lyndon F. Schmidt, P.E.
TEL 01471168	ASTM E330-02 & E331-00 ASTM E1886-05/1996-06	Testing Evaluation Lab.,Inc.	V. K. Wright

2. **Drawing No.** | **Prepared by** | **Signed & Sealed by**
   No. FL-15129.3 | RW Building Consultants, Inc. (CA #9813) | Lyndon F. Schmidt, P.E.
3. **Calculations** | **Prepared by** | **Signed & Sealed by**
   Anchoring | RW Building Consultants, Inc. (CA #9813) | Lyndon F. Schmidt, P.E.
4. **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.



Lyndon F. Schmidt, P.E.
FL PE No. 43409
5/1/2015