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-15255.21***

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	Glazed Fiberglass Door Inswing/Outswing "Non-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.

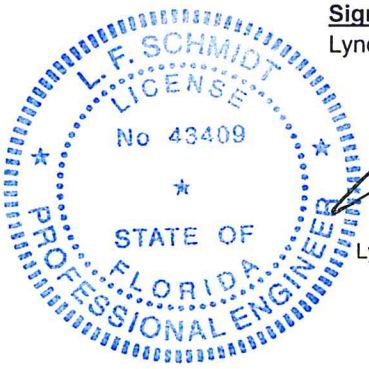
Limitations:

1. This product has been evaluated and is in compliance with the 5th Edition (2014) 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 is required to be protected with an impact resistant covering that complies with Section 1626 of the FBC.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with Section 1609.1.2 of the FBC.
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-15255.21 require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations using threshold item #25 meet water infiltration requirements for "HVHZ".
8. Inswing configurations and outswing configurations using threshold #27 do not meet the water infiltration requirements for the "HVHZ" and 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. See drawing FL-15255.21 for size and design pressure limitations.

Supporting Documents:

	Test Report No.	Test Standard	Testing Laboratory	Signed by
1.	TEL 01470437	TAS 201, 202, 203-94	Testing Evaluation Lab.,Inc.	Lyndon F. Schmidt, P.E.
	TEL 05-1026-2	TAS 202-94	Testing Evaluation Lab.,Inc.	Wendell W. Haney, P.E.
	TEL 01370046	TAS 202-94	Testing Evaluation Lab.,Inc.	Wendell W. Haney, P.E.
	TEL 02010411	ASTM G155-04,C158-02	Testing Evaluation Lab.,Inc.	Lyndon F. Schmidt, P.E.
	TEL 01470100	ASTM D1929-96	Testing Evaluation Lab.,Inc.	Lyndon F. Schmidt, P.E.
	TEL 01470099	ASTM D2843-99	Testing Evaluation Lab.,Inc.	Lyndon F. Schmidt, P.E.
	TEL 01470101	ASTM D635-03	Testing Evaluation Lab.,Inc.	Lyndon F. Schmidt, P.E.
2.	Miami-Dade NOA	Materials Testing		
	13-0129.27	DuPont PVB Interlayer		
3.	Drawing No.	Prepared by		Signed & Sealed by
	No. FL-15255.21	RW Building Consultants, Inc. (CA #9813)		Lyndon F. Schmidt, P.E.
4.	Calculations	Prepared by		Signed & Sealed by
	Anchoring	RW Building Consultants, Inc. (CA #9813)		Lyndon F. Schmidt, P.E.
	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.



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