

Product Evaluation Report

Report No.: FL-15255.6

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 "Impact" Door with Sidelite(s) 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 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. When used in areas outside of the "HVHZ" requiring wind borne debris protection this product complies with Section 1609.1.2 of the FBC and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and Section 1609.1.2.2 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-15255.6 require further engineering analysis by a licensed engineer or registered architect.
7. This product meets the water infiltration requirements for "HVHZ".
8. See drawing FL-15255.6 for size and design pressure limitations.

Supporting Documents:

1. **Test Report No.**

TEL 01470437
TEL 06-0918-1
TEL 08-01370020
TEL 01370051
TEL 01370079
TEL 02010411
TEL 01470100
TEL 01470099
TEL 01470101

Test Standard

TAS 201, 202, 203-94
TAS 201, 202, 203-94
TAS 201, 202, 203-94
TAS 201, 202, 203-94
TAS 201, 202, 203-94
ASTM G155-04, C158-02
ASTM D1929-96
ASTM D2843-99
ASTM D635-03

Testing Laboratory

Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc.
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Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc.

Signed by

Lyndon F. Schmidt, P.E.
Wendell W. Haney, P.E.
Wendell W. Haney, P.E.
Lyndon F. Schmidt, P.E.
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Lyndon F. Schmidt, P.E.

2. **Miami-Dade NOA**

13-0129.27

Materials Testing

DuPont PVB Interlayer

3. **Drawing No.**

No. FL-15255.6

Prepared by

RW Building Consultants, Inc. (CA #9813)

4. **Calculations**

Anchoring
ASTM E1300 Glass Load

Prepared by

RW Building Consultants, Inc. (CA #9813)
Lyndon F. Schmidt, P.E.

5. **Quality Assurance**

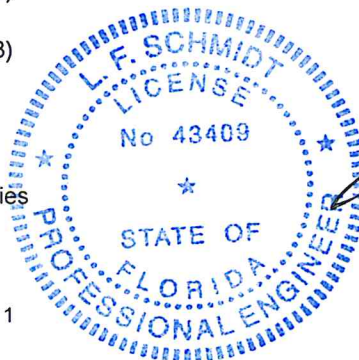
Certificate of Participation issued by National Accreditation and Management Institute, certifying that Trinity Glass International is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Signed & Sealed by

Lyndon F. Schmidt, P.E.

Signed & Sealed by

Lyndon F. Schmidt, P.E.



[Handwritten Signature]

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