

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry
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Florida Board of Professional Engineers Certificate of Authorization No. 9813

Product Evaluation Report

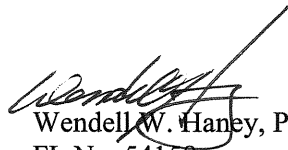
Report No.: FL-6379.1 R1
Date: April 25, 2008
Product Category: Exterior Doors
Product sub-category: Swinging Exterior Door Assemblies
Product Name: Flush Glazed Fiberglass Door
Inswing/Outswing
"Non-Impact"
Manufacturer: Trinity Glass International
4621 192nd Street East
Tacoma, WA 98446
Phone 253.875.7300

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Wendell W. Haney, P.E. (System ID # 1993) for Trinity Glass International based on Rule Chapter No. 9B-72.070, Method 1d of the State of Florida Product Approval, Department of Community Affairs-Florida Building Commission.

RW Building Consultants and Wendell W. Haney, 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.

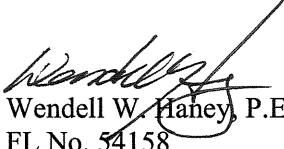
This product has been evaluated for use in locations adhering to the Florida Building Code (2007 Edition)

See Drawing No. FL-6379.1 prepared by R W Building Consultants, Inc. and signed and sealed by Wendell W. Haney, P.E. (FL # 54158) for specific use parameters.


Wendell W. Haney, P.E.
FL No. 54158
April 25, 2008

Limitations

1. This product has been evaluated and is in compliance with the 2007 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 this product is required to be protected with an impact resistant covering that complies with 1609.1.2 of the 2007 Florida Building Code.
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-6379.1 require further engineering analysis by a licensed engineer or registered architect.
6. See drawing FL-6379.1 for size and design pressure limitations.



Wendell W. Haney, P.E.
FL No. 54158
April 25, 2008

Supporting Documents

A Drawing

1. Drawing No. FL-6379.1 prepared by R W Building Consultants, Inc. (Florida Board of Professional Engineers Certificate of Authorization No. 9813), signed and sealed by Wendell W. Haney, P.E.

B Tests

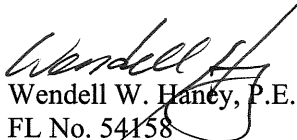
1. Testing per 101/I.S.2/NAFS-02 as performed by Testing Evaluation Laboratories, Inc. and reported in test report number TEL 06-0223-2, dated February 28, 2006, signed and sealed by Wendell W. Haney, P.E.
2. Testing per AAMA/WDMA 101/I.S.2/A440-05 as performed by Testing Evaluation Laboratories, Inc. and reported in test report number TEL 08-01370021, dated April 10, 2008, signed and sealed by Wendell W. Haney, P.E.

C Calculations

1. Product anchoring for tested specimens is in accordance with manufacturer's published recommendations as substantiated by tested specimens reported in test report TEL 06-0223-2 and TEL 08-01370021. Additional product anchor analysis for loading conditions prepared, signed and sealed by Wendell W. Haney, P.E.
2. Buck anchor analysis for loading conditions prepared, signed and sealed by Wendell W. Haney, P.E.

D Other

1. 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.


Wendell W. Haney, P.E.
FL No. 54158
April 25, 2008