

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.: FL5016.1
Date: August 3, 2005
Product Category: Windows
Product sub-category: Fixed
Product Name: Transom / Fixed Lite (Non-Impact)
Manufacturer: Trinity Glass International
4621 192nd Street East
Tacoma, WA 98446
Phone: 253.875.7300 Fax: 253.875.7301

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.

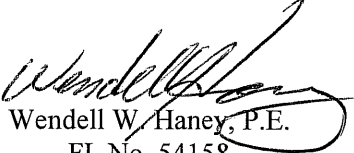
This product has been evaluated for use in locations adhering to the Florida Building Code (2004 Edition) and where pressure requirements, as determined by Chapter 16 of The Florida Building Code, do not exceed the following design pressures:

Design Pressure Rating:

Maximum Design Pressure Rating Positive 65.0 PSF Negative 65.0 PSF

(See Limitations for size restrictions)

See Drawing No.: FL 566 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
August 3, 2005

Limitations

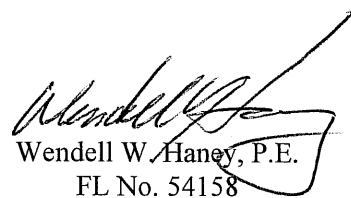
1. The Trinity Glass International "Transom / Fixed Lite" has been evaluated and meets the requirements for use within the State of Florida excluding the "High Velocity Hurricane Zone".
3. When used in areas requiring wind-borne debris protection this product is required to be protected with an impact resistant covering that complies with section 1609.1.4 of the Florida building Code.
4. Size Limitations:

<u>Configurations</u>	<u>MAX. Frame Width</u>	<u>MAX. Frame Height</u>
Single O	74.0"	48.0"

5. The Design Pressure Rating (PSF) for the Single units are as follows:

Design Pressure Ratings (PSF)

O.A. Frame Dimensions	OA Day Light Dimension	Glass Type	Positive	Negative
74.0" x 48.0"	71.0" x 44.875"	1" Insulated 5/32" Tempered Air 5/32" Tempered	+ 65.0 PSF	- 65.0 PSF


 Wendell W. Haney, P.E.
 FL No. 54158
 August 3, 2005

Supporting Documents

A Drawing

1. Drawing No. FL 566 "Transom / Fixed Lite" 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 Performed

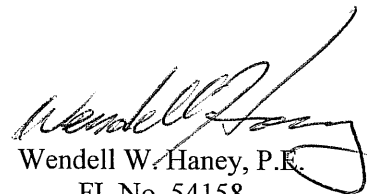
1. Testing per TAS 202-94, as performed by Testing Evaluation Laboratories Inc. and reported in test report number 05-0730-1, dated July 25, 2005 and signed by Wendell W. Haney, P.E.

C Calculations

1. Product anchoring is in accordance with manufacturer's published recommendations as substantiated by testing performed by Testing Evaluation Laboratories, Inc. and reported in test report number 05-0730-1.
2. Buck anchor analysis for loading conditions, prepared, signed and sealed by Wendell W. Haney, P.E.
3. Glass Load Resistance Report ASTM E1300-02 prepared by Wendell W. Haney, P.E.

D Other

1. Certificate of Participation issued by National Accreditation and Management Institute, Inc. certifying that Trinity Glass International is manufacturing products within a quality assurance program.



Wendell W. Haney, P.E.
FL No. 54158
June 16, 2005