



# R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33595 Phone 813.659.9197 Facsimile 813.754.9989

Florida Board of Professional Engineers Certificate of Authorization No. 9813

## Product Evaluation Report

Report No.: FL-5016.1 R1  
Date: December 16, 2008  
Product Category: Windows  
Product sub-category: Fixed  
Product Name: Transom / Fixed Lite  
Manufacturer: Trinity Glass International  
4621 192<sup>nd</sup> Street East  
Tacoma, WA 98446  
Phone: 253.875.7300

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. 9B-72.070, Method 1d of the State of Florida Product Approval, Department of Community Affairs-Florida Building Commission.

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.

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

See Drawing No.: FL-5016.1 prepared by R W Building Consultants, Inc. and signed and sealed by Lyndon F. Schmidt, P.E. (FL # 43409) for specific use parameters.

Lyndon F. Schmidt, P.E.  
FL No. 43409  
December 16, 2008

## Limitations

1. This product has been evaluated and is in compliance with the 2007 Florida Building Code structural requirements excluding the "High Velocity Hurricane Zone".
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 Section 1609.1.2 of the Florida Building Code.
4. For through the frame anchoring in 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-5016.1 require further engineering analysis by a licensed engineer or registered architect.
6. See drawing FL-5016.1 for size and design pressure limitations.



Lyndon F. Schmidt, P.E.  
FL No. 43409  
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## Supporting Documents

### A Drawing

1. Drawing No. FL-5016.1 prepared by R W Building Consultants, Inc. (Florida Board of Professional Engineers Certificate of Authorization No. 9813) signed and sealed by Lyndon F. Schmidt, 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, 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 Lyndon F. Schmidt, P.E.

### D Other

1. Certificate of Participation issued by Architectural Testing, Inc., certifying that Trinity Glass International is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.



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