



# 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-5102.1 R1  
Date: September 29, 2008  
Product Category: Window  
Product sub-category: Drive Through  
Product Name: Ready Access  
Drive through Window  
"Impact"  
Manufacturer: Ready Access  
1815 Arthur Drive  
W. Chicago, IL 60185  
Phone 800-621-5045 Facsimile 630-876-7767

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. (System ID # 1998) for Ready Access 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-5102.1 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  
September 29, 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 complies with Section 1609.1.2 of the 2007 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.
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-5102.1 require further engineering analysis by a licensed engineer or registered architect.
6. See drawing FL-5102.1 for size and design pressure limitations.



Lyndon F. Schmidt, P.E.  
FL No. 43409  
September 29, 2008

## Supporting Documents

### A Drawing

1. Drawing No. FL-5102.1 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

1. Testing per TAS 201-94, TAS 202-94 and TAS 203-94 as performed by American Test Lab North and reported in test report ATLNC 1109.01-04R, signed by David Johnson, P.E.
2. Testing per TAS 201-94, TAS 202-94 and TAS 203-94 as performed by Testing Evaluation Laboratories and reported in test report TEL 06-1120.01, signed by Wendell W. Haney, P.E.
3. Testing per TAS 202-94 as performed by American Test Lab North and reported in test report ATLNC 1108.01-04R, signed by David Johnson, P.E.
4. Materials (Glass Interlayer by Solutia) approval number NOA 08-0206.01 issued by Miami-Dade BCCO.

### 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 number ATLNC 1109.01-04R and Additional product anchor analysis for loading conditions prepared, signed and sealed by Lyndon F. Schmidt, P.E.
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 Underwriters Laboratories, certifying that Ready Access is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.



Lyndon F. Schmidt, P.E.  
FL No. 54158  
September 29, 2008