



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-14163.3

Date: October 27, 2010

Product Category	Sub Category	Manufacturer	Product Name
Windows	Fixed	J. Sussman, Inc. 109-10 180th St. Jamaica, NY 11433 Phone 718.297.0228	6400 Series Extruded Thermally Broken Aluminum Window Fixed Over Awning "Impact"

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for J. Sussman, Inc., based on Rule Chapter No. 9B-72.070, Method 1D of the State of Florida Product Approval, Dept. 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.

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 FBC and does not require an impact resistant covering. This product meets missile level "D" and excludes Wind Zone 4 as defined in ASTM E 1996.
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-14163.3 require further engineering analysis by a licensed engineer or registered architect.
6. See drawing FL-14163.3 for size and design pressure limitations.

Supporting Documents:

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| 1. <u>Test Report No.</u>
ETC-09-036-22807.0 | <u>Test Standard</u>
ASTM E 330-02, E 1886/1996-06
(E 1886/1996-06 is equiv. to E 1886/1996-05) | <u>Testing Laboratory</u>
ETC Laboratories | <u>Signed by</u>
Mark Sennett |
| 2. <u>Drawing No.</u>
No. FL-14163.3 | <u>Prepared by</u>
RW Building Consultants, Inc. (CA #9813) | | <u>Signed & Sealed by</u>
Lyndon F. Schmidt, P.E. |
| 3. <u>Calculations</u>
Anchoring | <u>Prepared by</u>
RW Building Consultants, Inc. (CA #9813) | | <u>Signed & Sealed by</u>
Lyndon F. Schmidt, P.E. |
| 4. <u>Quality Assurance</u>
Certificate of Participation issued by National Accreditation and Management Institute, certifying that J. Sussman, Inc. is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. | | | |

Lyndon F. Schmidt, P.E.
FL PE No. 43409
11/8/2010