

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

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

Florida Board of Professional Engineers Certificate of Authorization No. 9813

Product Evaluation Report

Report No.: FL-26906.1

Date: April 16, 2018

Product Category	Sub Category	Manufacturer	Product Name
Windows	Single Hung	Sunrise Windows, LTD. 200 Enterprise Drive Temperance, MI 48182 (734) 847-8778	Series 7220 Coastal Performance Single Hung Window "Impact"

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Sunrise Windows, LTD., based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Dept. of Business & Professional Regulation.

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.

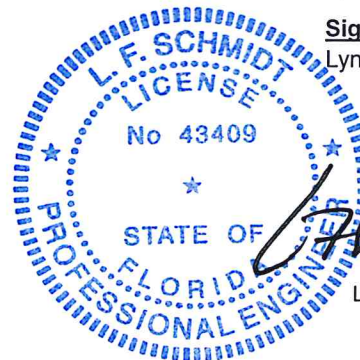
Limitations:

1. This product has been evaluated and is in compliance with the 6th Edition (2017) 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 complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 3 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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-26906.1 require further engineering analysis by a licensed engineer or registered architect.
6. See drawing FL-26906.1 for size and design pressure limitations.

Supporting Documents:

- | | |
|--|---|
| 1. Test Report No.
ATI G8257.03-501-44
ATI G8257.04-501-44 | Test Standard
AAMA/WDMA/CSA 101 I.S.2/A440-11
AAMA 506-11 (ASTM E1886-05 / E1996-09) |
| 2. Dade County NOA
17-07-12.05 | Materials
Saflex PVB Interlayer (Eastman Chemical) |
| 3. Drawing No.
No. FL-26906.1 | Prepared by
RW Building Consultants, Inc. (CA #9813) |
| 4. Calculations
Anchoring | Prepared by
RW Building Consultants, Inc. (CA #9813) |
| 5. Quality Assurance
Certificate of Participation issued by National Accreditation and Management Institute, certifying that Sunrise Windows, LTD. is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. | |

Testing Laboratory Architectural Testing Architectural Testing	Signed by Joseph E. Allison Joseph E. Allison
	Signed & Sealed by Lyndon F. Schmidt, P.E.
	Signed & Sealed by Lyndon F. Schmidt, P.E.



Lyndon F. Schmidt, P.E.
FL PE No. 43409
4/19/2018