

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-22347.9

Date: October 12, 2017

| Product Category | Sub Category | Manufacturer | Product Name |
|------------------|-----------------------------------|---|---|
| Exterior Doors | Swinging Exterior Door Assemblies | Southeastern Sash & Door 94 Ready Avenue Building D Fort Walton Beach, FL 32548 (850) 664-5252 | "Gulf Armor" Wood Glazed or Opaque Double Door w/ or w/out Sidelites Inswing / Outswing - "Impact" |

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. (System ID # 1998) for Southeastern Sash & Door based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Department of Business & Professional Regulation.

R W 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 including 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 the "HVHZ", this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
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-22347.9 require further engineering analysis by a licensed engineer or registered architect.
6. Outswing configurations meet water infiltration requirements for "HVHZ".
7. Inswing configurations do not meet the water infiltration requirements for the "HVHZ" and shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.
8. See drawing FL-22347.9 for size and design pressure limitations.

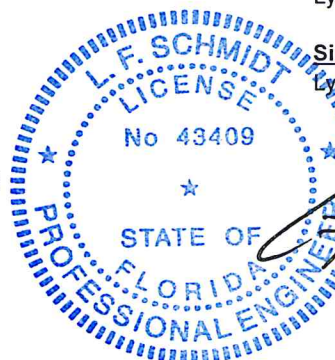
| | | | |
|---|--|--|--|
| 1. <u>Test Report No.</u> TEL 06801769 | <u>Test Standard</u> TAS 201-94, 202-94, 203-94 | <u>Testing Laboratory</u> Testing Evaluation Lab. | <u>Signed by</u> William B. Shelton, P.E. |
|---|--|--|--|

| | |
|--|---|
| 2. <u>Miami-Dade NOA</u> 14-0916.11 | <u>Materials Testing</u> SentryGlas Interlayer (Kuraray) |
|--|---|

| | | |
|---|--|--|
| 3. <u>Drawing No.</u> No. FL-22347.9 | <u>Prepared by</u> RW Building Consultants, Inc. (CA #9813) | <u>Signed & Sealed by</u> Lyndon F. Schmidt, P.E. |
|---|--|--|

| | | |
|--|---|--|
| 4. <u>Calculations</u> Product Anchoring ASTM E1300 Glass Load | <u>Prepared by</u> RW Building Consultants, Inc. (CA #9813) Lyndon F. Schmidt, P.E. | <u>Signed & Sealed by</u> Lyndon F. Schmidt, P.E. |
|--|---|--|

5. Quality Assurance
Certificate of Participation issued by National Accreditation and Management Institute, certifying that Southeastern Sash & Door 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
10/12/2017