R W B C

# R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

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Florida Board of Professional Engineers Registry License No. 9813

## *Product Evaluation Report*

***Report No.:*** ***FL-22347.5***

***Date:*** ***October 9, 2023***

| Product Category | Sub Category | Manufacturer | Product Name |
|---|---|---|---|
| **Exterior Doors** | **Swinging Exterior Door Assemblies** | **Buliders FirstSource<br>94 Ready Avenue Building D<br>Fort Walton Beach, FL 32548<br>(850) 664-5252** | **"Gulf Armor"<br>Wood Glazed or Opaque Double Door w/ Transom<br>Inswing / Outswing<br>"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 Buliders FirstSource 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 8th Edition (2023) 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 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 4 as defined in ASTM E 1996 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-22347.5 require further engineering analysis by a licensed engineer or registered architect.
6. See drawing FL-22347.5 for size and design pressure limitations.

| | Test Standard | Testing Laboratory | Signed by |
|---|---|---|---|
| 1. **Test Report No.**<br>TEL 06801716 | ASTM E330-02<br>ASTM E1886-05/E1996-09 | Testing Evaluation Lab. | V.K. Wright |
| 2. **Miami-Dade NOA**<br>23-0713.20 | **Materials Testing**<br>Saflex® PVB Interlayer (Eastman Chemical Co.) | | |
| 3. **Drawing No.**<br>No. FL-22347.5 | **Prepared by**<br>RW Building Consultants, Inc. (CA #9813) | | **Signed & Sealed by**<br>Lyndon F. Schmidt, P.E. |
| 4. **Calculations**<br>Product Anchoring<br>ASTM E1300 Glass Load | **Prepared by**<br>RW Building Consultants, Inc. (CA #9813)<br>RW Building Consultants, Inc. (#9813) | | **Signed & Sealed by**<br>Lyndon F. Schmidt, P.E. |

5. **Quality Assurance**
Certificate of Participation issued by National Accreditation and Management Institute, certifying that Buliders FirstSource is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Digitally signed by Lyndon F Schmidt
Date: 2023.10.09 16:38:39 -04'00'

**LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409**
This item has been digitally signed and sealed by **L. F. Schmidt** on **10-9-23**.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.
**THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA**