R W B C

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 Registry License No. 9813

Product Evaluation Report

Report No.: ***FL-22347.8***

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

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	**Swinging Exterior Door Assemblies**	**Buliders FirstSource 94 Ready Avenue Building D Fort Walton Beach, FL 32548 (850) 664-5252**	**"Gulf Armor" Wood Glazed or Opaque Single Door w/ Transom w/ or w/out Sidelite(s) 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 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 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-22347.8 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-22347.8 for size and design pressure limitations.

1. **Test Report No.** TEL 06801769	**Test Standard** TAS 201-94, 202-94, 203-94	**Testing Laboratory** Testing Evaluation Lab.	**Signed by** William B. Shelton, P.E.
2. **Miami-Dade NOA** 23-0717.30	**Materials Testing** SentryGlas Interlayer (Kuraray)		
3. **Drawing No.** No. FL-22347.8	**Prepared by** RW Building Consultants, Inc. (#9813)		**Signed & Sealed by** Lyndon F. Schmidt, P.E.
4. **Calculations** Product Anchoring ASTM E1300 Glass Load	**Prepared by** RW Building Consultants, Inc. (#9813) Lyndon F. Schmidt, P.E.		**Signed & Sealed by** 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 16:38:54 -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