



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-17348.1

Date: September 14, 2023

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Millwork Artisans, LLC 145 King Street Charleston, SC 29401 PH 843.577.3348	"Lunar Fold" Bifold System Exterior Folding Door - Outswing Impact

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Millwork Artisans, LLC, 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 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 E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. Active door and folding door panels may be interchanged with a configuration including up to 8 panels maximum allowed.
5. This product meets water infiltration requirements when used with the sill assembly extension.
6. This product does not meet the water infiltration requirements when used without the sill assembly extension and shall be installed only in non-habital areas or where protected by an overhang or canopy such that the angle between the edge of the overhang or canopy to sill is less than 45 degrees.
7. Site conditions that deviate from the details of drawing FL-17348.1 require further engineering analysis by a licensed engineer or registered architect.
8. See drawing FL-17348.1 for size and design pressure limitations.

Supporting Documents:

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| 1. Test Report No.
3057492
TEL 01930368
TEL 01930390 | Test Standard
TAS 201, 202 & 203-94
ASTM E330-02
ASTM E1886-05 / E1996-06 | Testing Laboratory
Intertek Testing Services
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc. | Signed by
Stephen J. Emerman, P.E.
Jarrett Wright
Jarrett Wright |
| 2. Miami-Dade NOA.
23-0713.20 | Materials
Saflex® PVB Interlayer (Eastman Chemical Company) | | |
| 3. Drawing No.
No. FL-17348.1 | Prepared by
RW Building Consultants, Inc. (#9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 4. Calculations
Anchoring
ASTM E1300 Glass Load | Prepared by
RW Building Consultants, Inc. (#9813)
RW Building Consultants, Inc. (#9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 5. Quality Assurance
Certificate of Participation issued by National Accreditation and Management Institute, certifying that Millwork Artisans, LLC is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. | | | |

Digitally signed by
Lyndon F Schmidt
Date: 2023.09.14
14:31:36 -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 9-14-23.
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