



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-17348.2

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: This is a Product Evaluation report issued by R W Building Consultants, Inc. and 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, Department 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 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. Active (1) and folding door (3) configuration shown is as tested. Also approved is the similar configuration shown is as tested. Also approved is the similar configuration with active door (1) and (2) folding doors.
5. Site conditions that deviate from the details of drawing FL-17348.2 require further engineering analysis by a licensed engineer or registered architect.
6. This product meets the water infiltration requirements for "HVHZ".
7. Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.

Supporting Documents:

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| 1. Test Report No.
3057492
TEL 01931149
TEL 01931150 | Test Standard
TAS 201, 202 & 203-94
TAS 201, 202 and 203-94
TAS 201, 202 and 203-94 | Testing Laboratory
Intertek Testing Services
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc. | Signed by
Stephen J. Emerman, P.E.
Lyndon F. Schmidt, P.E.
Lyndon F. Schmidt, P.E. |
| 2. Miami-Dade NOA
23-0713.20 | Materials Testing
Saflex® PVB Interlayer (Eastman Chemical Company) | | |
| 3. Drawing No.
No. FL-17348.2 | 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
14:31:24 -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