



# 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-17038.9

Date: September 14, 2023

| Product Category | Sub Category | Manufacturer                                                                         | Product Name                        |
|------------------|--------------|--------------------------------------------------------------------------------------|-------------------------------------|
| Windows          | Double Hung  | Millwork Artisans, LLC<br>145 King Street<br>Charleston, SC 29401<br>PH 843.577.3348 | Twin Double Hung Window<br>"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 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 FBC 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. All window frame wood to be Sapele (Specific Gravity = 0.55).
6. Site conditions that deviate from the details of drawing FL-17038.9 require further engineering analysis by a licensed engineer or registered architect.
7. This product meets the water infiltration requirements for "HVHZ".
8. See drawing FL-17038.9 for size and design pressure limitations.

### Supporting Documents:

- |                                                                                                                                                                                                                                                                           |                                                                                                                   |                                                            |                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------|
| 1. <b>Test Report No.</b><br>TEL 01931039                                                                                                                                                                                                                                 | <b>Test Standard</b><br>TAS 201, 202, 203-94                                                                      | <b>Testing Laboratory</b><br>Testing Evaluation Lab., Inc. | <b>Signed by</b><br>William Shelton, P.E.                |
| 2. <b>Miami Dade NOA</b><br>23-0717.30<br>23-0717.20                                                                                                                                                                                                                      | <b>Materials Testing</b><br>SentryGlas® Interlayer (Kuraray)<br>Saflex® PVB Interlayer (Eastman Chemical Company) |                                                            |                                                          |
| 3. <b>Drawing No.</b><br>No. FL-17038.9                                                                                                                                                                                                                                   | <b>Prepared by</b><br>RW Building Consultants, Inc. (#9813)                                                       |                                                            | <b>Signed &amp; Sealed by</b><br>Lyndon F. Schmidt, P.E. |
| 4. <b>Calculations</b><br>Anchoring<br>ASTM E1300 Glass Load                                                                                                                                                                                                              | <b>Prepared by</b><br>RW Building Consultants, Inc. (#9813)<br>RW Building Consultants, Inc. (#9813)              |                                                            | <b>Signed &amp; Sealed by</b><br>Lyndon F. Schmidt, P.E. |
| 5. <b>Quality Assurance</b><br>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  
16:36:50 -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**