

Product Evaluation Report**Report No.: FL-11474.4****Date: October 11, 2023**

Product Category	Sub Category	Manufacturer	Product Name
Window	Double Hung	Brannen Millwork 3379 East Hwy. 46 Register, Georgia 30452 Phone 912-488-2397	Series 580 Double Hung Window "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 Brannen Millwork, based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Florida 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 FBC and does not require an impact resistant covering.
4. 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.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction. 2X stud framing to be designed by the Engineer or Architect of Record based upon the applicable wind load design criteria.
6. Site conditions that deviate from the details of drawing FL-11474.4 require further engineering analysis by a licensed engineer or registered architect.
7. This product meets water infiltration requirements for "HVHZ".
8. See drawing FL-11474.4 for size and design pressure limitations.

Supporting Documents:

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| 1. <u>Test Report No.</u>
TEL 01020055
TEL 01021521
TEL 01023756 | <u>Test Standard</u>
TAS 201-94, 202-94 & TAS 203-94
TAS 201-94, 202-94 & TAS 203-94
TAS 201-94, 202-94 & TAS 203-94 | <u>Testing Laboratory</u>
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc. | <u>Signed by</u>
Vivian K. Wright
William B. Shelton, P.E.
William B. Shelton, P.E. |
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| 2. <u>Miami Dade NOA</u>
23-0717.30
23-0713.20 | <u>Materials Testing</u>
SentryGlas Interlayer
Saflex PVB Interlayer |
| 3. <u>Drawing No.</u>
No. FL 11474.4 | <u>Prepared by</u>
RW Building Consultants, Inc. (#9813) |

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|---|---|
| 4. <u>Calculations</u>
Anchoring
ASTM E1300 Glass Load | <u>Prepared by</u>
RW Building Consultants, Inc. (#9813)
Lyndon F. Schmidt, P.E. |
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5. **Quality Assurance**
Certificate of Participation issued by National Accreditation and Management Institute, certifying that Brannen Millwork is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Signed & Sealed by
Lyndon F. Schmidt, P.E.

Signed & Sealed by
Lyndon F. Schmidt, P.E.

Digitally signed by
Lyndon F Schmidt
Date: 2023.10.11
10:11:04 -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 10-11-23.
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