

Product Evaluation Report**Report No.: FL-15737.18****Date: October 4, 2023**

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Brannen Millwork 3379 East Highway 46 Register, GA 30452 (912) 488-2397	Glazed Wood Door 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 Brannen Millwork 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 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. Site conditions that deviate from the details of drawing FL-15737.18 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-15737.18 for size and design pressure limitations.

Supporting Documents:

- | | | | |
|--|---|---|---|
| 1. <u>Test Report No.</u>
TEL 01021446
TEL 01023762
TEL 01023764 | <u>Test Standard</u>
TAS 201, 202 & 203-94
TAS 201, 202 & 203-94
TAS 201, 202 & 203-94 | <u>Testing Laboratory</u>
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc. | <u>Signed by</u>
William B. Shelton, P.E.
William B. Shelton, P.E.
William B. Shelton, P.E. |
| 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-15737.18 | <u>Prepared by</u>
RW Building Consultants, Inc. (#9813) | | <u>Signed & Sealed by</u>
Lyndon F. Schmidt, P.E. |
| 4. <u>Calculations</u>
Anchoring
ASTM E 1300 Glass Load | <u>Prepared by</u>
RW Building Consultants, Inc. (#9813)
RW Building Consultants, Inc. (#9813) | | <u>Signed & Sealed by</u>
Lyndon F. Schmidt, P.E. |
| 5. <u>Quality Assurance</u>
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. | | | |

Digitally signed by
Lyndon F Schmidt
Date: 2023.10.12
10:48:42 -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 10-12-23.
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