

Product Evaluation Report **Report No.: FL-17954.2**
Date: December 8, 2020

| Product Category | Sub Category | Manufacturer | Product Name |
|------------------|-----------------------------------|--|---|
| Exterior Doors | Swinging Exterior Door Assemblies | Fleetwood Windows and Doors 1 Fleetwood Way Corona, CA 92879 (951) 279-1070 | Series 3900-T Aluminum Side Hinged Double Door Inswing / Outswing "Impact" |

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Fleetwood Windows and Doors 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:

- This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in the "HVHZ" this product complies with Section 1626 of the FBC and does not require an impact resistant covering.
- When used in areas outside of the "HVHZ" 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.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of drawing FL-17954.2 require further engineering analysis by a licensed engineer or registered architect.
- This product meets water infiltration requirements for "HVHZ".
- Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.
- Gaskets shall comply with FBC Section 2411.3.4.
- See drawing FL-17954.2 for size and design pressure limitations.

Supporting Documents:

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| 1. Test Report No. TEL 01991315 TEL 01991439 TEL 01991438 | Test Standard TAS 201-94, 202-94, 203-94 TAS 201-94, 202-94, 203-94 ASTM E1886-05/1996-09 | Testing Laboratory Testing Evaluation Laboratories Testing Evaluation Laboratories Testing Evaluation Laboratories | Signed by William Shelton, P.E. William Shelton, P.E. V. K. Wright |
| 2. Dade County NOA 20-0915.21 | Materials Testing SentryGlas® Interlayer | | |
| Materials Testing Gaskets by Tremco | Test Standard ASTM C 864 (Option II) per FBC 2411.3.4 | | |
| 3. Drawing No. No. FL-17954.2 | Prepared by RW Building Consultants, Inc. (#9813) | | Signed & Sealed by Lyndon F. Schmidt, P.E. |
| 4. Calculations Anchoring ASTM E 1300 Glass Load | Prepared by RW Building Consultants, Inc. (#9813) Lyndon F. Schmidt, P.E. | | Signed & Sealed by Lyndon F. Schmidt, P.E. |
| 5. Quality Assurance Certificate of Participation issued by National Accreditation and Management Institute, certifying that Fleetwood Windows and Doors is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. | | | |



Lyndon F. Schmidt, P.E.
 FL PE No. 43409
 12/8/2020