R W B C

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-12323.1***

Date: ***July 31, 2023***

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	**Sliding Exterior Doors Assemblies**	**Associated Materials, Inc. 3773 State Road Cuyahoga Falls, OH 44223 Phone 330.922.2108**	**Model 6105/6106/6175 Extruded Vinyl Sliding Patio Door "Non-Impact"**

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Associated Materials Inc., 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 excluding 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 areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
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-12323.1 require further engineering analysis by a licensed engineer or registered architect.
6. See drawing FL-12323.1 for size and design pressure limitations.

Supporting Documents:

1. **Test Report No.** | **Test Standard** | **Testing Laboratory** | **Signed by**
   - NCTL-110-19890-1 | AAMA/WDMA/CSA 101/I.S.2/A440-11 | NCTL | Robert H. Zeiders. P.E.
   - NCTL-110-19891-1 | AAMA/WDMA/CSA 101/I.S.2/A440-11 | NCTL | Robert H. Zeiders. P.E.
2. **Drawing No.** | **Prepared by** | **Signed & Sealed by**
   - No. FL-12323.1 | RW Building Consultants, Inc. (#9813) | Lyndon F. Schmidt, P.E.
3. **Calculations** | **Prepared by** | **Signed & Sealed by**
   - Anchoring | RW Building Consultants, Inc. (#9813) | Lyndon F. Schmidt, P.E.
   - ASTM E1300 Glass Load | RW Building Consultants, Inc. (#9813)
4. **Quality Assurance**
   Certificate of Participation issued by Architectural Testing, Inc., certifying that Associated Materials, Inc. is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Digitally signed by Lyndon F Schmidt
Date: 2023.07.31 14:36:56 -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 **7-31-23**.
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