R W B C

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

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Florida Board of Professional Engineers Registry License No. 9813

Product Evaluation Report

Report No.: ***FL-12078.4***

Date: ***July 14, 2023***

Product Category	Sub Category	Manufacturer	Product Name
Window	**Mullions**	**Associated Materials, Inc.** **3773 State Road** **Cuyahoga Falls, OH 44223** **Phone 330.922.5350**	**3100 Structural Transom Mullion**

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. (System ID # 1998) for Associated Materials, Inc. based on Rule Chapter No. 61G20-3, Method 2B 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) excluding the "High Velocity Hurricane Zone" and conforms to the requirements of FBC Chapter 17.
2. Wood bucks by others, must be anchored properly to transfer loads to the structure and be reviewed by the building official.
3. For use on 2x buck or stud construction only. Mullion anchor embedment to base material shall be beyond wall dressing or stucco.
4. When used in areas requiring wind borne debris protection, this product does not require protection with an impact resistant covering when used in Wind Zones 1, 2 and 3 as defined by ASTM E 1996; in Wind Zone 4 as defined by ASTM E 1996, this product must be protected with an impact resistant covering complying with FBC Sections 1609.1.2 & R301.2.1.2.
5. Separate product approvals for each glazing product used with these mullions must be submitted along with this mullion product approval.
6. Anchoring of each glazing product to the mullion shall be as shown in each individual glazing product approval.
7. Any conditions not covered in this evaluation are subject to separate engineering evaluation.
8. Mullion design pressure rating, see load rating table sheet 2 of drawing FL-12078.4.
9. The design pressure rating of the assembly shall be the lesser of the load capacity of the mullion as determined using this approval or the design pressure rating of the individual glazing products used.
10. Bounding box dimensions for geometric shapes must be equal to or less than the rectangular dimensions shown herein.
11. See drawing FL-12078.4 for size and design pressure limitations.

Supporting Documents:

1. **Drawing No.** — No. FL-12078.4 — **Prepared by** RW Building Consultants, Inc. (#9813) — **Signed & Sealed by** Lyndon F. Schmidt, P.E.
2. **Calculations** — Mullion/Anchoring — **Prepared by** RW Building Consultants, Inc. (#9813) — **Signed & Sealed by** Lyndon F. Schmidt, P.E.
3. **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: 2023.07.14 19:34:36 -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 **7-14-23**.
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