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-16542.5***

***Date:*** ***July 6, 2023***

| Product Category | Sub Category | Manufacturer | Product Name |
|---|---|---|---|
| **Window** | **Mullions** | **Wincore Window Company, LLC**<br>**250 Staunton Avenue**<br>**Parkersburg, WV 26104**<br>**(304) 485-7460** | **TMP-2603**<br>**Extruded Aluminum**<br>**Vertical Clipped 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 Wincore Window Company, LLC 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".
2. When used in the "HVHZ", this product (if mulled together with "HVHZ" impact rated windows), complies with Section 1626 of the FBC and does not require an impact resistant covering.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure and be reviewed by the Building Official.
4. Separate product approvals for each glazing product used with these mullions must be submitted along with this mullion product approval. The design pressure rating of the assembly shall be the lesser of the load capacity of the mullion as specified using this approval or the design pressure rating of the individual glazing products used.
5. Anchoring of each glazing product to the mullion shall be as shown in this drawing or as shown in each individual glazing product approval, whichever is more stringent.
6. Mullion anchor embedment to base material shall be beyond wall dressing or stucco.
7. Any conditions not covered in this evaluation are subject to separate engineering evaluation.
8. Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.
9. See drawing FL-16542.5 for size and design pressure limitations.

***Supporting Documents:***

| | Test Report No. | Test Standard | Test Laboratory | Signed & Sealed by |
|---|---|---|---|---|
| 1. | TEL 02800689 | TAS 201, 202 & 203-94 | Testing Evaluation Lab.,Inc. | William B. Shelton, P.E. |
| | TEL 02801019 | TAS 201, 202 & 203-94 | Testing Evaluation Lab.,Inc. | William B. Shelton, P.E. |
| 2. | **Drawing No.** | **Prepared by** | | **Signed & Sealed by** |
| | No. FL-16542.5 | 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. |
| | Mullions (per FBC 1709.8 & R609.8) | RW Building Consultants, Inc. (#9813) | | Lyndon F. Schmidt, P.E. |

4. **Quality Assurance**
   Certificate of Participation issued by National Accreditation and Management Institute, certifying that Wincore Window Company, LLC is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Digitally signed by Lyndon F Schmidt
Date: 2023.07.06 14:39:32 -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 **7-6-23**.
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**