

Product Evaluation Report**Report No.:** FL-29644.2**Date:** July 23, 2020

Product Category	Sub Category	Manufacturer	Product Name
Window	Mullions	Sunrise Windows, LTD. 200 Enterprise Drive Temperance, MI 48182 (734) 847-8778	5901 Aluminum 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 Sunrise Windows, LTD. 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:

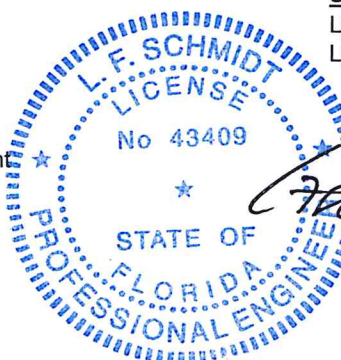
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone".
2. When used in areas requiring wind borne debris protection, this product (if mulled together with impact rated windows) does not require protection from an impact resistant covering when used in Wind Zones 1, 2 and 3 as defined by ASTM E 1996, and FBC Sections 1609.1.2.2 & R301.2.1.2.
3. In Wind Zone 4, as defined by ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1, this product must be protected with an impact resistant covering complying with FBC Sections 1609.1.2 & R301.2.1.2.
4. Wood bucks by others, must be anchored properly to transfer loads to the structure and be reviewed by the Building Official.
5. Separate product approvals (by Sunrise Windows only) 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 specified using this approval or the design pressure rating of the individual glazing products used.
6. 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.
7. Mullion anchor embedment to base material shall be beyond wall dressing or stucco.
8. Any conditions not covered in this evaluation are subject to separate engineering evaluation.
9. See drawing FL-29644.2 for size and design pressure limitations.

Supporting Documents:

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| <p>1. Test Report No.
ATI D6996.04-501-44
ATI D6996.05-501-44</p> <p>2. Drawing No.
No. FL-29644.2</p> <p>3. Calculations
Anchoring
Mullions
(per FBC 1709.8 & R609.8)</p> | <p>Test Standard
AAMA 450-10
AAMA 506-11, ASTM E1886-05 / E1996-12</p> <p>Prepared by
RW Building Consultants, Inc. (#9813)</p> <p>Prepared by
RW Building Consultants, Inc. (#9813)
RW Building Consultants, Inc. (#9813)</p> | <p>Test Laboratory
Architectural Testing, Inc.
Architectural Testing, Inc.</p> <p>Signed & Sealed by
Joseph E. Allison
Joseph E. Allison</p> <p>Signed & Sealed by
Lyndon F. Schmidt, P.E.</p> <p>Signed & Sealed by
Lyndon F. Schmidt, P.E.
Lyndon F. Schmidt, P.E.</p> |
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4. **Quality Assurance**

Certificate of Participation issued by National Accreditation and Management Institute, certifying that Sunrise Windows, LTD. 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
7/23/2020