

W. W. Schaefer Engineering & Consulting, P.A. (CA #6809)

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ENGINEER'S EVALUATION REPORT #WWS-335

Prepared for:

Sierra Pacific Windows
575 South Whelen Ave.
Medford, WI 54451
Phone: 800-433-4873

Prepared by:

Warren W. Schaefer, P.E.
Florida Professional Engineer #44135

Manufacturer: Sierra Pacific Windows

Product Category: Mullions

Evaluation Method: 2-B (Engineer's evaluation)

Product model & name: Non-Impact Aluminum Bar Mullions for Aluminum Clad Wood Windows & Doors

Documents that must accompany this report:

1. W. W. Schaefer Engineering & Consulting drawing No. 1930

Mullion size restrictions and assembly requirements:

See drawing No. 1930

Maximum allowable design pressure:

See drawing No. 1930

Installation requirements:

See drawing No. 1930

Code compliance:

Code section(s) considered with this evaluation:

FBC Chapter 17

Mullions:

Mullion conditions stated in this approval have been analyzed in accordance with all requirements of the Florida Building Code (FBC) and AAMA 450.

Test Standards applicable to the testing of these mullions: N/A

Test Laboratory: N/A

Test report numbers: N/A

General report notes & system limitations:

1. All size & installation conditions shown in this report and the referenced drawing No. 1930 are based off engineering analysis in accordance with the Florida Building Code & AAMA 450.
2. Mullions and their connections shall be constructed in accordance with the descriptions in this report and the manufacturer's state approved quality assurance entity specifications.
3. This product is not approved for use in the High Velocity Hurricane Zones (HVHZ).
4. Job required design wind pressure shall be calculated in accordance with the Florida Building Code Chapter 16 and ASCE 7 Minimum Design Loads for Buildings and Other Structures (0.85 directionality factor may apply per the current ASCE 7 standard).
5. These mullions are non-impact rated. Therefore, the mullions and the windows/doors they support shall be protected by a Florida code approved shutter where required by the Florida Building Code.

Quality Assurance Entity: Window & Door Manufacturer's Association (WDMA)

Warren W. Schaefer, P.E.
Florida P.E. #44135

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