

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

7480 150th Court North
Palm Beach Gardens, FL 33418
Phone (561)744-3424

ENGINEER'S EVALUATION REPORT #WWS-304

Prepared for:

Sierra Pacific Windows (Previously Hurd Windows & Doors)
575 S. Whelen Ave.
Medford, WI 54451
Phone: 800-433-4873

Prepared by:

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

Manufacturer: Sierra Pacific Windows (Previously Hurd Windows & Doors)

Product Category: Mullions

Evaluation Method: 1-D (Engineer's evaluation)

Product model & name: Steel Tube Clipped Mullions

Documents that must accompany this report:

1. W. W. Schaefer Engineering & Consulting, P.A. drawing No. 1047B

Mullion size restrictions and assembly requirements:

See drawing No. 1047B

Maximum allowable design pressure:

See drawing No. 1047B

Installation requirements:

See drawing No. 1047B

Code compliance:

Code section(s) considered with this evaluation:

FBC Chapter 17

Mullions:

Mullion conditions stated in this approval have been tested in accordance with TAS-201, 202 & 203 and meet the requirements of FBC.

Test Standards applicable to the testing of these mullions:

TAS-201, 202 & 203

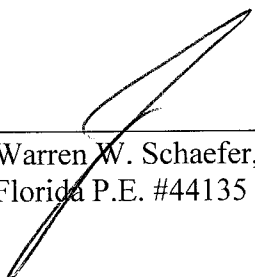
Test Laboratory: Certified Testing Laboratories

Test report numbers: CTLA-679WF (Note that test report is signed & sealed by a Florida Licensed Engineer)

General report notes & system limitations:

1. All size & installation conditions shown in this report and the referenced drawing No. 1407B are based off the referenced test reports and/or engineering analysis in accordance with the Florida Building Code.
2. Mullions 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 approved for use in & outside of 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 both small & large missile impact rated for use in wind zone 4 & missile level "D" locations and need not be shuttered.

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


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

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