

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

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ENGINEER'S EVALUATION REPORT #WWS-334

Prepared for:

Pella Corporation
102 Main Street
Pella, IA 50219
Phone: 641-621-1000

Prepared by:

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

Manufacturer: Pella Corporation

Product Category: Mullions

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

Product model & name: Pella Aluminum Plate Mullion

Documents that must accompany this report:

1. W. W. Schaefer Engineering & Consulting drawing No. 1252

Mullion size restrictions and assembly requirements:

See drawing No. 1252

Maximum allowable design pressure:

See drawing No. 1252

Installation requirements:

See drawing No. 1252

Code compliance:

Code section(s) considered with this evaluation:
FBC Chapters 17

Mullions:

Mullion conditions stated in this approval have been tested in accordance with TAS-201, 202 & 203 and meet the requirements of FBC & AAMA 450.

Test Standards applicable to the testing of these mullions:

TAS-201, 202 & 203

Test Laboratory: Architectural Testing, Inc.

Test report numbers: 02-50043.01

Note: All HVHZ test reports have been signed & sealed by a Florida PE.

General report notes & system limitations:

1. All size & installation conditions shown in this report and the referenced drawing No. 1252 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)

JUL 19 2017

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

