

W. W. Schaefer Engineering & Consulting, P.A.

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ENGINEER'S EVALUATION REPORT #WWS-145

Prepared for:

Pella Corporation
2000 Proline Place
Gettysburg, PA 17325
Phone: (717) 334-0099

Prepared by:

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

Manufacturer: Pella Corporation

Product Category: Mullion

Evaluation Method: 1-D

Product model & name: Thermaster Series 10 Single Hung & Picture Window Vertical Non-impact Mullion

Documents that must accompany this report:

1. W. W. Schaefer Engineering & Consulting drawing No. 1612

Mullion and assembly requirements:

See drawing No. 1612

Maximum allowable design pressure:

See load tables on drawing No. 1612

Installation requirements:

See drawing NO. 1612

Code compliance:

Code section(s) & standards considered with this evaluation:

FBC Chapter 17, ANSI/AAMA/NWDA 101/I.S.2-97, AAMA 101/I.S.2/NAFS-02,
AAMA/WDMA/CSA 101/I.S.2/A440-05 & AAMA 450

Test Standards applicable to the testing of this system:

ASTM E283, ASTM E547, ASTM E330

Test Laboratory: Element Material Technology (Previously named Stork Twin City Testing Corp.)

Test report numbers: 2005-3868145.1 & 2005-3868145.2

General report notes & system limitations:

1. All assembly & installation conditions shown in this report and the referenced drawing No. 1612 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 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).
5. This mullion system is non-impact rated and must be impact protected where required by code.

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

AUG 21 2017

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