

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

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Palm Beach Gardens, FL 33418
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ENGINEER'S EVALUATION REPORT #WWS-206

Prepared for:

Kawneer Company, Inc.
555 Guthridge Court
Norcross, GA 30092-3503
Phone: (770) 449-5555

Prepared by:

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

Manufacturer: Kawneer Company, Inc.

Product Category: Door

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

Product model & name: 500 Non-impact Door in 450 Framing

Documents that must accompany this report:

1. W. W. Schaefer Engineering & Consulting drawing No. 1793

Door size restrictions and assembly requirements:

See drawing NO. 1793

Maximum allowable design pressure:

+45/-50 PSF

Installation requirements:

See drawing No. 1793

Code compliance:

Code section(s) considered with this evaluation:

FBC Chapter 17

Test Standards applicable to the testing of these doors:

ASTM E330

Test Laboratory: National Certified Testing Laboratories

Test report numbers: NCTL-210-3767-1

General report notes & system limitations:

1. All size & installation conditions shown in this report and the referenced drawing No. 1793 are based off the referenced test reports and/or engineering analysis in accordance with the Florida Building Code.
2. Doors 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. This door system is non-impact rated and must be impact protected where required by code.
6. This door system is not approved for use where water infiltration resistance is required by the door. Unless units are installed in non-habitable areas where the unit and the area are designed to accept water infiltration, units shall be installed only at locations protected by a canopy or overhang where-by the overhang(OH) ratio is equal to or more than 1.0 per FBC.

Quality Assurance Entity: (ATI) Architectural Testing, Inc., York, PA

JAN 06 2015

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

