

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

26376 Nadir Road; Unit 309

Punta Gorda, FL 33983

Phone (561)744-3424

ENGINEER'S EVALUATION REPORT #WWS-140

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: Doors

Evaluation Method: 1-D

Product model & name: 190 Narrow, 350 Medium & 500 Wide Stile Doors in TRI-FAB VG
450 Framing

Documents that must accompany this report:

1. W. W. Schaefer Engineering & Consulting drawing No. 1571

Door size restrictions and assembly requirements:

See drawing No. 1571

Maximum allowable design pressure:

All conditions: +/-30 psf (See drawing 1571)

Installation requirements:

See drawing NO. 1571

Code compliance:

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

Test Standards applicable to the testing of these doors:
ASTM E330, AAMA 1304 & ASTM E283

Test Laboratory: Hurricane Test Laboratory, LLC

Test report numbers: G049-1101-07

General report notes & system limitations:

1. All size & installation conditions shown in this report and the referenced drawing No. 1571 are based off the referenced test report and/or engineering analysis in accordance with the Florida Building Code.
2. Door systems 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 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

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



Warren W
Schaefer
2023.07.19
21:16:39
-04'00'