

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

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ENGINEER'S EVALUATION REPORT #WWS-136

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: Windows

Evaluation Method: 1-D

Product model & name: Series 8400TL Aluminum Non-impact Horizontal Sliding Window

Documents that must accompany this report:

1. W. W. Schaefer Engineering & Consulting drawing No. 1495

Window size restrictions and assembly requirements:

Single OXO window: 148" x 79"
Single OX or XO window: 99 13/16" x 79"
Multiple windows: See drawing No. 1495

Maximum allowable design pressure:

Single window: +/-70 psf
Multiple windows: +/-70 psf

Installation requirements:

See drawing NO. 1495

Code compliance:

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

Test Standards applicable to the testing of these windows:
AAMA/WDMA/CSA/101/1.S.2/A440

Test Laboratory: Hurricane Test Laboratory, LLC

Test report numbers: G049-0901-04

General report notes & system limitations:

1. All size & installation conditions shown in this report and the referenced drawing No. 1495 are based off the referenced test reports and/or engineering analysis in accordance with the Florida Building Code.
2. Windows 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. These windows are non-impact rated and must be shuttered where required by code.

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

AUG 29 2020

Warren W. Schaefer, P.E.
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