

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

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ENGINEER'S EVALUATION REPORT #WWS-148

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: Windows

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

Product model & name: Series 10 Vinyl Non-Impact Flanged Horizontal Sliding Window

Documents that must accompany this report:

1. W. W. Schaefer Engineering & Consulting drawing No. 1598

Window size restrictions and assembly requirements:

See drawing NO. 1598

Maximum allowable design pressure:

See drawing NO. 1598

Installation requirements:

See drawing No. 1598

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/I.S.2/A440-08, AAMA/WDMA/CSA 101/I.S.2/A440-05 &
ANSI/AAMA/NWDA 101/I.S.2-97

Test Laboratory: Architectural Testing, Inc.

Test report numbers: 89732.01-109-44 & 89730.01-109-44

General report notes & system limitations:

1. All size & installation conditions shown in this report and the referenced drawing No. 1598 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: Window & Door Manufacturer's Association (WDMA)

AUG 21 2017

Warren W. Schaefer, P.E.
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