

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

7480 150th Court North
Palm Beach Gardens, FL 33418
Phone (561)744-3424

ENGINEER'S EVALUATION REPORT #WWS-258

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 Flange Fixed Window

Documents that must accompany this report:

1. W. W. Schaefer Engineering & Consulting drawing No. 1838

Window size restrictions and assembly requirements:

See drawing NO. 1838

Maximum allowable design pressure:

See drawing No. 1838

Installation requirements:

See drawing No. 1838

Code compliance:

Code section(s) considered with this evaluation:

FBC Chapters 17 & 24

Glass:

All glass meets the current ASTM E1300 standard.

Test Standards applicable to the testing of these windows:

TAS-202

Test Laboratory: National Certified Testing Laboratories (NCTL)

Test report numbers: NCTL-110-15217-1 & NCTL-110-15218-1

General report notes & system limitations:

1. All size & installation conditions shown in this report and the referenced drawing No. 1838 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 approved for use in & outside of 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. These windows are non-impact rated & must be shuttered with a Florida code approved shutter where required by code.
6. When applicable, all safety glass requirements must be met per FBC.

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

MAR 08 2017

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

