

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

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ENGINEER'S EVALUATION REPORT #WWS-231

Prepared for:

Palm City Millwork, Inc.
3313 S.W. 42nd Ave.
Palm City, FL 34990
Phone: 800-273-5598

Prepared by:

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

Manufacturer: Palm City Millwork, Inc.

Product Category: Windows

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

Product model & name: Direct Sash Set Mahogany Wood Window

Documents that must accompany this report:

1. W. W. Schaefer Engineering & Consulting drawing No. 1039

Window size restrictions and assembly requirements:

See drawing No. 1039

Maximum allowable design pressure:

See drawing No. 1039

Installation requirements:

See drawing No. 1039

Code compliance:

Code section(s) considered with this evaluation:

FBC Chapters 17 & 24

Wood Coatings:

All wood members shall be of an approved durable species or be treated in an approved method with an approved preservative per applicable codes and standards.

Mullions:

Mullion conditions stated in this approval have been tested in accordance with PA-201, 202 & 203 and meet the requirements of FBC.

Test Standards applicable to the testing of these windows:

PA-201, 202 & 203 (equivalent to TAS-201, 202 & 203)

Test Laboratory: Hurricane Test Laboratory, Inc.

Test report numbers: 0067-0301-01

General report notes & system limitations:

1. All size & installation conditions shown in this report and the referenced drawing No. 1039 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 both small & large missile impact rated for use in wind zone 4 & missile level "D" locations and need not be shuttered.

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

JAN 08 2015

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

