

Engineering Evaluation Report # 4000-041219

Prepared by:

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Certificate of Authorization: #29296

Manufacturer:

PGT Industries, Inc.
1070 Technology Drive
N. Venice, FL 34275

Product Description:

4000A Series Non-impact-resistant Aluminum Single Hung Window

Compliance:

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61 G20-3.005 method 1(d). The product listed herein complies with requirements of the current Florida Building Code.

This product has been evaluated and is in compliance with the current Florida Building Code, including the "High Velocity Hurricane Zone" (HVHZ).

Supporting Technical Documentation:

1. Approval document: drawing number SH4000FLPA Rev C, signed and sealed by A. Lynn Miller, P.E.
2. Test Report No. FTL-6479 signed and sealed by Marlin D. Brinson, P.E.
Test Report No. 18-8281, signed and sealed by Idalmis Ortega, P.E.
Fenestration Testing Laboratories, Nokomis, FL 34275
TAS 202-94 Uniform Static Air Pressure Test
3. Test Report No. FTL 17-7585, signed and sealed by Idalmis Ortega, P.E.
Fenestration Testing Laboratories, Medley, FL 33166
TAS 202-94 Uniform Static Air Pressure Test
4. Anchor calculations, signed and sealed by A. Lynn Miller, P.E., dated 9/25/18.

Limitations and Conditions of use:

- Maximum Design Pressure: +50.0/-50.0 psf (12 psf water infiltration)
- Maximum Overall Buck Size: 52-1/8" x 77"
- Maximum DLO: 48-13/16" x 35-1/8"
- Units must be glazed per ASTM E1300-09, refer to approval document for glazing details.
- This product is rated to be used in the HVHZ.
- This product is not impact resistant and does require impact protection in wind borne debris regions.
- Frame and sash material to be extruded aluminum
- Units must be installed in accordance with approval document, SH4000FLPA



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