

Engineering Evaluation Report

Prepared by:

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Manufacturer:

Eco Window Systems
8502 NW 80th Street
Suite 103
Medley, FL 33178
(305) 885-5299

Product Description:

Series "Eco-Guard 550", Small Missile Impact Resistant, Aluminum Fixed Window FL# 32389

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 "PW550FPA - SMI", signed and sealed by A. Lynn Miller, P.E.
2. Test Reports:
 - No. FTL-8191 signed by Idalmis Ortega, P.E.; Fenestration Testing Lab, Inc. Test Standards: TAS 201-94, TAS 202-94, & TAS 203-94, dated 3/27/15.
 - No. FTL-8175 signed by Idalmis Ortega, P.E.; Fenestration Testing Lab, Inc. Test Standards: TAS 201-94, TAS 202-94, & TAS 203-94, dated 3/16/15.
3. Anchor verification calculations and structural analysis, dated 08/03/15 and revised on 06/10/16.

Limitations and Conditions of use:

- Maximum Design Pressure: +90.0/-120.0
- Units must be glazed per ASTM E1300-09, refer to approval document for glazing details.
- This product is impact resistant and does not require impact protection in wind borne debris regions above 30 feet.
- Frame material to be extruded aluminum.
- Units must be installed in accordance with Approval Document.

