

Engineering Evaluation Report # 300SM-092723

Prepared by:

A. Lynn Miller, P.E.
1070 Technology Dr.
N. Venice, FL 34275
(941) 480-1600
Registration Number: #29296

Manufacturer:

Eco Window Systems
9114 NW 106 St.
Medley, FL 33178
(305) 885-5299

Product Description:

Series "Eco-Guard 300", 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 "PW300SM-FPA", signed and sealed by A. Lynn Miller, P.E.
2. Test Reports
 - No. HETI-10-3156, signed by Candido F. Font, P.E.; Hurricane Engineering & Testing Inc. Test Standards: TAS 202-94, dated 12/29/10.
 - No. HETI-10-3157, signed by Rafael E. Droz-Seda, P.E.; Hurricane Engineering & Testing Inc. Test Standards: TAS 201-94 & TAS 203-94, dated 12/29/10 revised 04/04/11.
3. Anchor verification calculations and structural analysis, dated 08/05/14.

Limitations and Conditions of use:

- Maximum Design Pressure: +100.0/-150.0 psf
- Maximum Tip-to-Tip Frame Size: 30" x 96"
- Maximum DLO: 26-3/8" x 92-3/8"
- 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 ft. above grade.
- Frame material to be extruded aluminum.
- Units must be installed in accordance with Approval Document.

