

Engineering Evaluation Report # 300LM-091523

Prepared by:

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Manufacturer:

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

Product Description:

Series "Eco-Guard 300", Large 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 "PW300LM-FPA", signed and sealed by A. Lynn Miller, P.E.
2. Test Reports

- No. HETI-08-2192A, signed by Candido F. Font, P.E.; Hurricane Engineering & Testing Inc. Test Standards: TAS 202-94, dated 01/15/09.
- No. HETI-08-2192B, signed by Candido F. Font, P.E.; Hurricane Engineering & Testing Inc. Test Standards: TAS 201-94 & TAS 203-94, dated 01/15/09.
- No. HETI-08-2193A, signed by Candido F. Font, P.E.; Hurricane Engineering & Testing Inc. Test Standards: TAS 202-94, dated 01/15/09.
- No. HETI-08-2193B, signed by Candido F. Font, P.E.; Hurricane Engineering & Testing Inc. Test Standards: TAS 201-94 & TAS 203-94, dated 01/15/09.
- No. HETI-08-2194, signed by Candido F. Font, P.E.; Hurricane Engineering & Testing Inc. Test Standards: TAS 201-94 & TAS 203-94, dated 01/15/09.
- No. HETI-08-2195A, signed by Candido F. Font, P.E.; Hurricane Engineering & Testing Inc. Test Standards: TAS 202-94, dated 01/15/09.

3. Anchor verification calculations and structural analysis, dated 10/13/17.

Limitations and Conditions of use:

- Maximum Design Pressure: +80.0/-90.0 psf
- Maximum Tip-to-Tip Frame Size: 48-1/4" x 96-3/8"
- Maximum DLO: 44-5/8" x 92-3/4"
- 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.
- Frame material to be extruded aluminum.
- Units must be installed in accordance with Approval Document.

