

Engineering Evaluation Report

Prepared by:

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Manufacturer:

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

Product Description:

Series "600", Small Missile Impact Resistant, Aluminum Outswing Entrance Door, FL# 39630

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 "FD600FPA - SMI", signed and sealed by A. Lynn Miller, P.E.
2. Test Reports No. FTL-8201 signed by Idalmis Ortega, P.E.; Fenestration Testing Lab, Inc. Test Standards: TAS 201-94, TAS 202-94, & TAS 203-94, dated 06/26/15.
3. Anchor verification calculations and structural analysis, dated 03/13/18.

Limitations and Conditions of use:

- Maximum Design Pressure: +70.0/-135.0 psf
- Maximum Tip-to-Tip Frame Size: 75-1/4" x 98"
- Maximum DLO: 32-1/2" x 87"
- 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. of grade. Impact protection is required up to 30 ft. of grade.
- Frame material to be extruded aluminum.
- Units must be installed in accordance with Approval Document.

