



ENGINEERING EXPRESS® PRODUCT EVALUATION REPORT

August 4, 2026

Application Number: FL 15898.1
EX Project Number: 26-103390

Product Manufacturer: Lag Design of Florida, Inc.
Manufacturer Address: 3850 Bryon Dr. 1 & 2.
Riviera Beach, FL 33404

Product Name & Description: Direct Set Fixed Wood Window
Large Missile Impact Resistant (Missile Level D)

Scope of Evaluation:

This Product Evaluation Report is being issued in accordance with the requirements of the Florida Department of Business and Professional Regulation (Florida Building Commission) Rule Chapter 61G20-3.005, F.A.C., for statewide acceptance per Method 1 (d). The product noted above has been tested and/or evaluated as summarized herein to show compliance with the Florida Building Code Ninth Edition (2026) and is, for the purpose intended, at least equivalent to that required by the Standard and Code. Re-evaluation of this product shall be required following pertinent Florida Building Code or ASCE Standard modifications or revisions.

Substantiating Data:

- **PRODUCT EVALUATION DOCUMENTS**

EX Installation Drawing #26-103390 titled "Direct Set Fixed Wood Window", sheets 1-3, prepared by Engineering Express, signed & sealed by Frank Bennardo, P.E. is an integral part of this Evaluation Report.

- **TEST REPORTS**

Uniform static structural performance has been tested in accordance with TAS 202 test standard per test report(s) #0210-0509-03 by Hurricane Test Laboratory, Inc. (signed and sealed by Vinu J. Abraham, P.E.).

Large missile impact resistance and cyclic loading performance have been tested in accordance with TAS 201 & 203 test standards per test report(s) #0210-0509-03 by Hurricane Test Laboratory, Inc. (signed and sealed by Vinu J. Abraham, P.E.).

- **STRUCTURAL ENGINEERING CALCULATIONS**

Structural engineering calculations have been prepared which evaluate the product based on comparative and/or rational analysis to qualify the following design criteria:

1. Anchor Spacing
2. Maximum Allowable Size/Pressure Combinations
3. Anchor Capacity

Lag Design of Florida, Inc.- Direct Set Fixed Wood Window – LMI (Missile Level D)

The following are approved for use in the HVHZ as specified in their corresponding NOAs:

- Glasslam Safety-Plus II Glass Interlayer by Polymer Extrusion Technology, Inc.
 - NOA#’S: 16-0208.12, & 18-0619.01

Impact Resistance:

Impact Resistance has not been demonstrated.

Wind Load Resistance

Large Missile Impact Resistance has been demonstrated as evidenced in previously listed test reports, and is accounted for in the engineering design of this product.

Installation

The product listed above shall be installed in strict compliance with the Performance Evaluation Document (i.e. engineering document), along with all components noted therein.

The product components shall be of the material specified in the Performance Evaluation Document (i.e. engineering document).

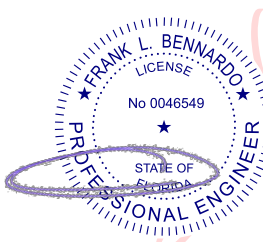
Limitations & Conditions of Use:

Use of each product shall be in strict accordance with its respective Performance Evaluation Document (i.e. engineering document) as noted herein.

All supporting host structures shall be designed to resist all superimposed loads and shall be of a material listed in each product’s respective anchor schedule. Host structure conditions which are not accounted for in each product’s respective anchor schedule shall be designed for on a site-specific basis by a registered professional engineer.

All components which are permanently installed shall be protected against corrosion, contamination, and other such damage at all times. Any alteration to the respective Performance Evaluation Document will invalidate it. This product has been designed for use inside and outside of the High Velocity Hurricane Zone (HVHZ).

Respectfully,



Digitally signed
by Frank
Bennardo
Date: 2026.08.18
12:52:37 -04'00'

*PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED & SEALED. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

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