

Evaluation Report FPA-CA-LM-B

October 20, 2023

Product Description: Origin Window Aluminum Casement and Fixed Window, Large Missile Impact

Manufacturer: Origin USA Inc., 573 Paul Morris Drive, Englewood, FL 34223

Statement of Compliance: This report evaluates the above-listed product per the requirements of FAC Product Approval Rule Chapter 61G20-3.005. This product complies with the requirements of the 8th Edition (2023) Florida Building Code outside the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

Technical Documentation:

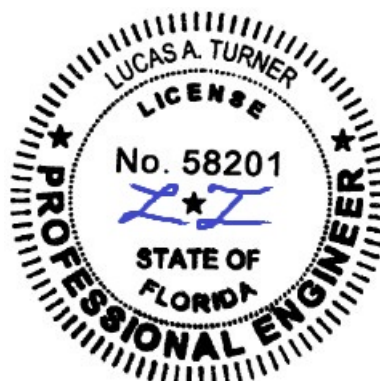
- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing FPA-CA-LM-B, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports E5038.01-401-44-r1, E5039.01-401-18-r0, H0290.01-401-44-r0, and H0290.03-401-44-r0, from Intertek/ATI, Tampa, FL with testing performed with equivalency to: AAMA/WDMA/CSA 101/I.S.2/A440-08/11/17, ASTM E 1886-13a/19, and ASTM E 1996-14a/17/20 (large missile, Wind Zone 3 for XOX, X, and XO or OX configurations, Wind Zone 4 for XX configuration)
- 4) Supplemental Calculations to support FPA-CA-LM-B, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document FPA-CA-LM-B.

Limitations of Use: This product:

- May be used in configurations and with glazing as indicated in FPA-CA-LM-B
- Requires max. glass daylight sizes as shown in FPA-CA-LM-B
- Achieves design pressures as shown in FPA-CA-LM-B
- Is large missile impact resistant and does not require the use of shutters in the designated windborne debris regions
- May not be used in the High Velocity Hurricane Zone
- Requires 6063-T5 min. aluminum framing as indicated in FPA-CA-LM-B
- Requires Kuraray Sentry Glas Interlayer in laminated glass

Certification of Independence: I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in Origin USA Inc. or in any company manufacturing or distributing products for which this report is being issued. I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in any other entity involved in the testing or approval process of this product.



Lucas Turner
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10/20/2023
Lucas A. Turner, P.E.
FL PE #58201