

Evaluation Report FPA-PW-LM-B
October 20, 2023

Product Description: Origin Window Aluminum Picture Window, Large Missile Impact, DP55, 60 1/2" x 103 7/8" overall size

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:

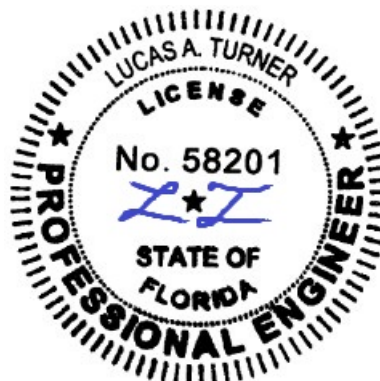
- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc Trl, Camden, TN Approval drawing FPA-PW-LM-B, signed and sealed by Lucas A. Turner, P.E.
- 2) Test Reports E5042.01-401-44-r0, E5455.01-401-18-R5, and I6863.01-450-44-r0 from Intertek/ATI, Tampa, FL and West Palm Beach, FL, TAS reports signed and sealed by Justin P. McDonald, P.E., with testing performed with equivalency to: TAS 201/202/203-94, ASTM E 330-14/21, ASTM E 1886-13a/19, and ASTM E 1996-14a/17/20
- 3) Supplemental Calculations to support FPA-PW-LM-B, signed and sealed by Lucas A. Turner, P.E.

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

Limitations of Use: This product:

- May be used in single O config. in overall sizes up to 60 1/2" x 103 7/8" or 103 7/8" x 60 1/2" with 3/16" fully tempered outboard glass, -1/2" air- 3/16HS-090SGP-3/16HS laminated inboard glass
- Requires max. glass daylight sizes as shown in FPA-PW-LM-B
- Achieves design pressures as shown on sheet 1 of FPA-PW-LM-B
- Is large missile impact resistant (Wind Zone 4) and does not require the use of shutters
- May not be used in the High Velocity Hurricane Zone
- Requires 6063-T5 min. aluminum framing as indicated in FPA-PW-LM-B
- Requires Kuraray Sentry Glas Interlayer.

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
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FL PE #58201