

Evaluation Report FPA-OS29-LM
May 8, 2024

Product Description: Origin Aluminum OS29 Sliding Glass Doors

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 including the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

Technical Documentation:

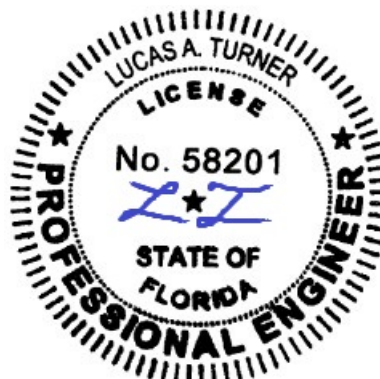
- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing FPA-OS29-LM, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Report P6046.01-450-44-r0, from Intertek/ATI, West Palm Beach, FL, signed and sealed by Tyler Westerling, P.E., with testing performed: TAS 201/202/203
- 4) Supplemental Calculations to support FPA-OS29-LM, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document FPA-OS29-LM.

Limitations of Use: This product:

- May be used in the configurations indicated in FPA-OS29-LM
- Requires glazing and max. glass daylight sizes as shown in FPA-OS29-LM
- Achieves design pressures as shown in FPA-OS29-LM
- Is large and small missile resistant and does not require the use of shutters in windborne debris regions
- May be used in the High Velocity Hurricane Zone
- Requires Kuraray Sentryglas interlayer per current Miami-Dade NOA. I have evaluated this interlayer material and find that it complies with the requirements of the 8th Ed. (2023) Florida Building Code for use in this product.
- Requires 6063-T5 min. aluminum framing as indicated in FPA-OS29-LM

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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5/8/2024
Lucas A. Turner, P.E.
FL PE #58201