

Evaluation Report FPA-Easifold-LM-HVHZ-B

October 19, 2020

Product Description: Origin Aluminum Easifold 3000 Folding/Swinging Doors, Large Missile Impact, HVHZ

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 7th Edition (2020) Florida Building Code including the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

Technical Documentation:

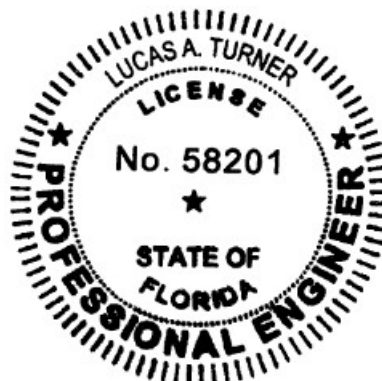
- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing FPA-Easifold-LM-HVHZ-B, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports from Intertek/ATI, Tampa, FL: D0972.01-401-18-R1 and D0973.01-401-18-R0 signed/sealed by Shawn Collins, P.E., and D0973.05-401-18-r0 and D9570.01-401-18 signed/sealed by Justin P. McDonald, P.E.
 - a. Testing Performed: TAS 201/202/203-94
- 4) Supplemental Calculations to support FPA-Easifold-LM-HVHZ-B, signed and sealed by Lucas A. Turner, P.E.
- 5) Plastech compliance: EPDM/Polypropylene glazing gaskets meet ASTM E 2203

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

Limitations of Use: This product:

- May be used in the configurations indicated in FPA-Easifold-LM-HVHZ-B, with up to 12 leaves in folding doors, with 1-1/8" overall I.G. consisting of 3/16" fully tempered outboard glass, -air space- 3/16HS-090SGP-3/16HS laminated inboard glass
- Requires max. glass daylight sizes of 30" x 90" as shown in FPA-Easifold-LM-HVHZ-B
- Achieves design pressures of +50/-55 psf
- Is large missile impact resistant and does not require the use of shutters
- May be used in the High Velocity Hurricane Zone
- Requires 6063-T5 min. aluminum framing as indicated in FPA-Easifold-LM-HVHZ-B
- Requires Kuraray Sentry Glas Interlayer per Miami-Dade N.O.A. #17-0808.02. I have evaluated the interlayer material in this NOA and find that it complies with the requirements of the 7th Ed. (2020) Florida Building Code for use in this product.

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.



LT
10/19/2020
Lucas A. Turner, P.E.
FL PE #58201