

Evaluation Report FPA-Easifold-LM-Non-HVHZ-B

October 19, 2020

Product Description: Origin Aluminum Easifold 3000 Folding/Swinging Doors, Large Missile Impact, Non-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 for use outside the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

Technical Documentation:

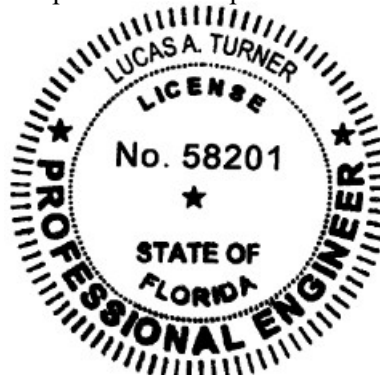
- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing FPA-Easifold-LM-Non-HVHZ-B, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports D0972.01-401-18-R1, D0972.02-401-44-R1, D0972.03-401-44-R1, D0973.01-401-18-R0, D0973.03-401-44-R1, D0973.05-401-18-r0, D9570.01-401-18, and L3261.01-450-44-r0, from Intertek/ATI, Tampa, FL and West Palm Beach, FL.
 - a. Testing Performed: TAS 201/202/203-94, AAMA/WDMA/CSA 101/I.S.2/A440-08, ASTM E 283-04, ASTM E 330-02, ASTM E331-00, ASTM E 1886-05, ASTM E 1996-09
- 4) Supplemental Calculations to support FPA-Easifold-LM-Non-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-Non-HVHZ-B.

Limitations of Use: This product:

- May be used in the configurations indicated in FPA-Easifold-LM-Non-HVHZ-B, with unlimited 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-Non-HVHZ-B
- Achieves design pressures of +50/-55 psf
- Is large missile impact resistant (Wind Zone 4 all configurations except 72" max. panel height pass-thru option, which is Wind Zone 3 rated), and does not require the use of shutters in Wind Zones as indicated.
- May not be used in the High Velocity Hurricane Zone
- Requires 6063-T5 min. aluminum framing as indicated in FPA-Easifold-LM-Non-HVHZ-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.



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10/19/2020

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