

Evaluation Report FPA-Mulls-B

October 20, 2023

Product Description: Origin 6063-T6 Aluminum Mullions: 2x4x1/4 Tube, 2x6x1/4 Tube, 2x8x1/4 Tube, 1x4 Flat, and 3/8x2-13/16 Flat

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 (4). This product complies with the requirements of the 8th Edition (2023) Florida Building Code including the High Velocity Hurricane Zone except as noted in Limitations of Use below. 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-Mulls-B, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports E5042.01-401-44-r1, E5042.03-401-44-r1, F1727.01-401-18-r1, F1727.02-401-44-r1, and F1727.03-401-44-r1, from Intertek/ATI, Tampa, FL, with the TAS reports signed by Justin P. McDonald, P.E., with testing performed with equivalency to: TAS201/202/203-94, ASTM E-1886-13a/19, ASTM E-1996-14a/17/20, and AAMA 450-10/20
- 4) Supplemental Calculations to support FPA-Mulls-B, signed and sealed by Lucas A. Turner, P.E.

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

Limitations of Use: These mullions:

- May be used up to the sizes and design pressures as shown in FPA-Mulls-B, using clips or additional anchors through the Origin glazed product framing, as detailed in FPA-Mulls-B
- Are impact resistant and do not require the use of shutters in windborne debris regions, with the exception of the configurations shown in Chart 6, Sheet 6 of FPA-Mulls-B, which are non-impact resistant and do require the use of shutters in windborne debris regions.
- May be used in the High Velocity Hurricane Zone, with the exception of the shaded parts of Chart 4, Sheet 5, the shaded parts of Chart 5, Sheet 6, and all of Chart 6, Sheet 6, of FPA-Mulls-B, which may not be used in the HVHZ.
- May only be used with Origin USA Inc. windows or doors, please see individual product unit approvals for glazed products for applicable design pressures and for more details. The lower of the individual window design pressures and the mullion design pressures shall apply to the entire assembly.

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.

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