

**Evaluation Report Reyno-LM-FPA**  
December 17, 2015

**Product Description:** Reynobond® Composite PE, FR, and NC Panels

**Manufacturer:** Alcoa Architectural Products, Eastman Georgia

**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 5<sup>th</sup> Edition (2014) 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 1239 Jabara Ave., North Port, FL
- 2) Approval drawing REYNO-LM-FPA, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports 0423-0218-06 and 0423-0112-07, from Hurricane Test Laboratory, Riviera Beach, FL, signed and sealed by Vinu Abraham, P.E., with testing performed: TAS201SM/202/203-94, ASTM E283-04, ASTM E330-02, ASTM E331-00, ASTM E1886-05, and ASTM E1996-06
- 4) Test Reports F1384.01/02-550-18, from Intertek/ATI, Lithia Springs, GA, signed and sealed by Justin McDonald, P.E., with testing performed: TAS201LM/202/203-94
- 5) Test Report E9075.01-106-31, from Intertek/ATI, York, PA, testing performed: ASTM C393
- 6) Test Reports 8902-107683/116004/116005/117282/117346/118985/122031, from Omega Point Laboratories, with testing performed in accordance with ASTM E84, ASTM E119, UL1715, NFPA 285
- 7) Test Report 4500317871, from Polyhedron Laboratories, with testing performed in accordance with ASTM D1929
- 8) Supplemental Calculations to support REYNO-LM-FPA, signed and sealed by Lucas A. Turner, P.E.

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

**Limitations of Use:** This product:

- May be used in the configurations and sizes as indicated in REYNO-LM-FPA
- Achieves design pressures as indicated in REYNO-LM-FPA
- Is impact resistant and does not require shutters in windborne debris regions
- May be used in the High Velocity Hurricane Zone
- Requires panel construction as indicated in REYNO-LM-FPA

**Certification of Independence:** I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in Custom Window Systems 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 A. Turner  
2015-12-17  
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