

Evaluation Report Reyno-LM-FPA
August 12, 2019

Product Description: Reynobond® Composite FR and NC Panels Large Missile

Manufacturer: Arconic 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 6th Edition (2017) 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 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 large missile 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 Arconic 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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8/12/2019
Lucas A. Turner, P.E.
FL PE #58201