

**Evaluation Report Reyno-SM-FPA**  
August 12, 2019

**Product Description:** Reynobond® Composite FR Panels Small 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 6<sup>th</sup> Edition (2017) Florida Building Code including the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

**Technical Documentation:**

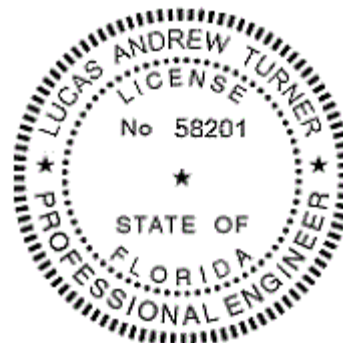
- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing Reyno-SM-FPA, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports 0423-0218-06 and 0423-0112-07, from Hurricane Test Laboratory, Riviera Beach, FL, signed and sealed by Vinu Abraham, 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 8902-117346/118985, from Omega Point Laboratories, with testing performed in accordance with ASTM E84
- 5) Test Report 4500317871, from Polyhedron Laboratories, with testing performed in accordance with ASTM D1929
- 6) Test Report D103926, from Applied Technical Services, with testing performed in accordance with ASTM D635
- 7) Test Report 6HM-680, from Q.C. Metallurgical, with testing performed in accordance with ASTM E8
- 8) Supplemental Calculations to support Reyno-SM-FPA, signed and sealed by Lucas A. Turner, P.E.

**Installation:** Units must be installed according to approval document Reyno-SM-FPA.

**Limitations of Use:** This product:

- ) May be used in the configurations and sizes as indicated in Reyno-SM-FPA
- ) Achieves design pressures as indicated in Reyno-SM-FPA
- ) Is small missile impact resistant and does not require shutters in windborne debris regions when used above 30 ft of grade
- ) May be used in the High Velocity Hurricane Zone
- ) Requires panel construction as indicated in Reyno-SM-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.



*LT*  
8/12/2019  
Lucas A. Turner, P.E.  
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