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Engineering Evaluation Report

Report No.: 513851B

Manufacturer: **The Muhler Company**
630 Skylark Drive, Suite U
Charleston, SC 29407

Product Line: Fabric Shield with Storm Stud anchoring system

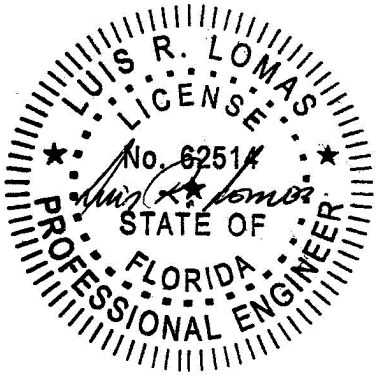
Compliance:
The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:
1. Approval document: drawing number 08-02995 prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: CTLA 1932W, signed sealed by Ramesh Patel P.E.
   Certified Testing Laboratories, Orlando, FL.
   ASTM E330 Design Pressure: ±50.0psf
   ASTM E1886/ E1996: Large Missile Impact, Level D, Wind Zone 4
   Cyclic Load Test, ±50.0psf design pressure
3. Test report No.: ATI 79786.01-501-47, signed by Lynn George
   Architectural Testing, Springdale, PA.
   AAMA/WDMA/CSA 101/I.S.2/A440
   Design pressure: ±50.0psf
   Water penetration resistance 7.52psf
4. Comparative analysis, report number 513851-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:
- Maximum design pressure: refer to installation instructions
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- This evaluation is only for the Fabric Shield with Storm Stud anchoring system. Fenestration units and other protection systems attached using this anchoring system must have their own product approval according to the Florida Building Code.
- Fenestration product profiles may vary in size and design. Profile acceptance shall be proven through pull test performance, where test results are equal or better than 328lbs.

Installation:
Fabric Shield with Storm Stud anchoring system must be installed in accordance with manufacturer's installation instructions and approval document, 08-02995.
When the product specified herein is installed within 3000 ft. of a saltwater coastline, all anchors and clips must comply with saltwater environment corrosion resistance requirements of FBC Chapter 17.

Certification of Independence:
Please note that I don't have nor will acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Also, I don't have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).



Luis R. Lomas, P.E.
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08/28/2026