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Engineering Evaluation Report

Report No.: 514144B

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

Product Line: Storm Trim Plus

Compliance:
The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3.005 method 1(d). The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:

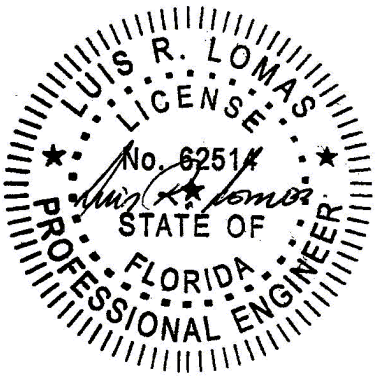
1. Approval document: drawing number 08-03209 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL 210-4040-03 signed by Chris Bennet.
   National Certified Testing Laboratories, Orlando, FL.
   ASTM E330
   Design Pressure: ±50.0psf
   Water penetration resistance: 7.5psf
   ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 3
   Cyclic Load Test, ±50.0psf design pressure
3. Test report No.: ATLSF 0904.01-09 signed and sealed by Edmundo Largaespada P.E.
   TAS 201 Large Missile Impact, Level D, Wind Zone 4
   TAS 202 Uniform Static Air Pressure, ±60.0psf design pressure
   TAS 203 Cyclic Pressure loading ±60.0psf design pressure
   ASTM E330
   ASTM E1886/E1996 Large Missile Impact, Level D, Wind Zone 4
   Cyclic Load Test, ±60.0psf design pressure
4. Comparative analysis, report number 514144-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: Refer to installation instructions
- Unit size: 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 up to wind zone 3.
- This evaluation is only for the Storm Trim System. Fenestration units and protection systems attached to this system must have their own product approval according to the Florida Building Code.

Installation:
Storm Trim System must be installed in accordance with manufacturer's installation instructions and approval document, 08-03209, Revision A.

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.
FL No.: 62514
10/16/2020