

*L. Roberto Lomas P.E.*

400 S Palm Ave  
Indialantic, FL 32903  
434-688-0609  
rlomas@rlomaspe.com

# Engineering Evaluation Report

**Report No.: 514353C**

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

**Product Line:** Muhler Storm Covering

## **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 08-03362 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL-210-4120-01, signed by Christopher Bennett.  
National Certified Testing Laboratories, Orlando, FL.  
ASTM E330 Design Pressure:  $\pm 50.0\text{psf}$   
ASTM E1886/ E1996: Large Missile Impact, Level D, Wind Zone 3  
Cyclic Load Test,  $\pm 50.0\text{psf}$  design pressure
3. Comparative analysis, report number 514353-1B, prepared, signed and sealed by Luis Roberto Lomas P.E.

### **Limitations and Conditions of use:**

- 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, up to wind zone 3.
- This evaluation is only for the Storm Covering. Fenestration units must have their own product approval.
- Fabric material: High tenacity polypropylene 0.050" thick.

### ***Installation:***

Storm Covering must be installed in accordance with manufacturer's installation instructions and approval document, 08-03362, Revision B.

***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).

