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Engineering Evaluation Report

Report No.: 514076A

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

Product Line: Surround System SST with 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 08-03157 prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL-210-4040-01, signed by Chris Bennet.
National Certified Testing Laboratories, Orlando, FL.
AAMA/WDMA/CSA 101/I.S2/A440
Design Pressure: ±50.0psf
Water penetration resistance: 7.5psf
3. Test report No.: NCTL-210-4040-04, signed by Chris Bennet.
National Certified Testing Laboratories, Orlando, FL.
ASTM E1886/ E1996: Large Missile Impact, Level D, Wind Zone 3
 Cyclic Load Test, ±50.0psf design pressure
4. Comparative analysis, report number 514076-1, 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.
- Units must be glazed per ASTM E1300.
- 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 Surround system SST with covering. Fenestration units attached to this system must have their own product approval according to the Florida Building Code.

Installation:

Surround system SST must be installed in accordance with manufacturer's installation instructions and approval document, 08-03157.

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).

