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Engineering Evaluation Report

Report No.: 514724A

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

Product Line: Recessed Trim

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03618, 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: ± 50.0 psf
Water penetration resistance: 7.5psf
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 3
ASTM E1886/ E1996 Cyclic Load Test, ± 50.0 psf design pressure
3. Comparative analysis, report number 514724-1, 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 Recessed Trim System. Fenestration units and protection systems attached to this system must have their own product approval according to the Florida Building Code.

Installation:

Recessed Trim System must be installed in accordance with manufacturer's installation instructions and approval document, 08-03618.

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).

