L. Roberto Lomas P.E.
208 7th Ave
Indialantic, FL 32903
434-688-0609
rllomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 515319A

Manufacturer: The Muhler Company, Inc.
630 Skylark Drive
Charleston, SC 29407

Product Line: Muhler Door, Glazed, Outswing, Non-Impact

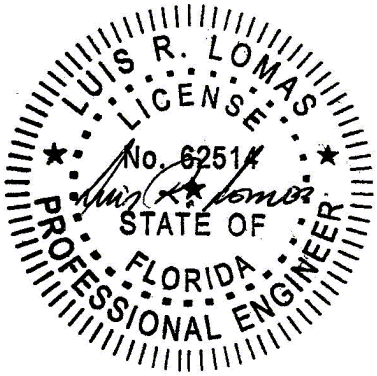
Compliance:
The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:
1. Approval document: drawing number 08-04010, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NTS 223-0113 signed and sealed by J. Scott Douglas P.E.
   Moisture Intrusion Solutions, Daytona Beach, FL
   ASTM E330
   Design pressure: +60.0/-50.0psf
   Water pressure: 6psf
3. Anchor calculations, report number 515319-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:
- Design pressure: +40.0/-50.0psf where water penetration resistance is required
  +60.0/-50.0psf where water penetration resistance is not required
- Unit size: 37 ½" x 97 3/16"
- Units must be glazed per ASTM E1300, with safety glazing.
- This product is not rated to be used in the HVHZ.
- This product is not impact resistant and requires impact protection in wind borne debris regions.
- Panel made out of 0.098" fiberglass skin with foam core.

Installation:
Units must be installed in accordance with manufacturer's installation instructions and approval document 08-04010. 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 do not 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 do not 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
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