

L. Roberto Lomas P.E.

208 7th Avenue
Indialantic, FL 32903
434-688-0609
rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 512810D

Manufacturer: Magnolia Window & Door
1000 Pyratich Dr.
Baldwin, GA 30511

Product Line: 400 Vinyl Horizontal Slider Non-Impact 63" x 44"

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-02096 Revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: MAGN-003-02-02 signed and sealed by Jason Simmons.
PRI Construction Materials Technologies, LLC, Tampa FL
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 30.08 psf
Water penetration resistance 4.59psf
3. Anchor calculations with comparative analysis, report number 512810-1B, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: Refer to installation drawing
- Unit size: Refer to installation drawing
- Approved configurations: OX, XO.
- Units must be glazed per ASTM E1300.
- 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.
- Frame material to be rigid PVC.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-02096 Revision C.

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).

