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Engineering Evaluation Report

Report No.: 513460D

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

Product Line: 400 Vinyl Single Hung Window Non-Impact 40" x 66" and 48" x 84"

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-02685 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: PARA-001-02-01 signed by Jason Simmons
PRI-Construction Materials Technologies, LLC, Tampa, Florida
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 50.13 psf
Water penetration resistance: 7.52psf
3. Report No.: PARA-002-02-02 signed by Jason Simmons
PRI-Construction Materials Technologies, LLC, Tampa, Florida
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 30.08 psf
Water penetration resistance: 5.43psf
4. Anchor calculations with comparative analysis, report number 513460-1B, 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
- 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 vinyl PVC.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-02685, Revision B.

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).

