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Engineering Evaluation Report

Report No.: 513912B

Manufacturer: Reilly Windows & Doors
901 Burman Blvd. Bldg. 701
Calverton, NY 11933

Product Line: RWD40 B Fixed Window, thermally broken bronze frame - Impact HVHZ

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03037 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: 10072 signed and sealed by Charles L. Anderson P.E.
MT Group Inc., Farmingdale, NY
TAS 201-94/TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 75.0 psf design pressure
TAS 202 -94 Uniform Static Air Pressure, ± 60.0 psf design pressure, 12.0psf water penetration.
3. Anchor calculations, report number 513912-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.
4. Comparative analysis, report number 513912-2, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: Refer to installation instructions.
- Unit size: 120 7/16" x 122 7/16"
- Units must be glazed per ASTM E1300-04/09, according to glazing details in approval drawing.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be bronze.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03037, Revision A.

When the product herein is installed within 3000 ft. of 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).

