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Engineering Evaluation Report

Report No.: 513633D

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

Product Line: RWD35 Fixed Impact Window

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-02835 Revision D, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: 59424 signed and sealed by Connie Zambianchi P.E.
MT Group Inc., Farmingdale, NY
TAS 201/ TAS 203
Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 75.0 psf design pressure
TAS 202
Uniform Static Air Pressure, ± 60.0 psf design pressure, 12.0psf water penetration.
3. Test report No.: G4945.01-525-44 signed by Frank Pennisi.
Intertek Architectural Testing, Farmingdale, NY
ASTM E330
Design pressure: ± 50.0 psf
ASTM E1886/ E1996
Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 60.0 psf design pressure
4. Anchor calculations, report number 513633-1D, prepared, signed and sealed by Luis Roberto Lomas P.E.
5. Comparative analysis, report number 513633-2A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 60.0 psf
- Unit size: 98 $\frac{1}{4}$ " X 142 $\frac{1}{4}$ "
- Units must be glazed per ASTM E1300, 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 Grade (A) Mahogany.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-02835 Revision D.

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).

