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Engineering Evaluation Report

Report No.: 515527A

Manufacturer: NT Window, Inc.
2900 West Seminary Dr.
Fort Worth, TX 76133

Product Line: G100 PVC Outswing Casement Window – Impact

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-04152, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: CCL 22-213 signed by Wesley Wilson
Construction Consulting Laboratory, Carrollton, TX.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 55.15 psf
Water penetration resistance 8.35psf
ASTM E1886 and ASTM E1996
Large Missile Impact Test, Level D, Wind Zone 3
Cyclic Load Test, ± 60.0 psf design pressure
3. Anchor calculations, report number 515527-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 55.0 psf
- Unit size: 36" x 72"
- Units must be glazed per ASTM E1300, according to glazing details in installation drawing.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions up to wind zone 3.
- Frame material to be Extruded Rigid PVC.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-04152.

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).

