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Engineering Evaluation Report

Report No.: 513721A

Manufacturer: Nan Ya Plastics Corp. USA
8989 North Loop East
Houston, TX 77029

Product Line: Mullion Horizontal, Single and Double Doors with and without Sidelites with Transom –Royal Series

Compliance:

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3.005 method 1(d). The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-02903, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: NCTL-210-3798-2 signed and sealed by Gerard Ferrara P.E.
National Certified Testing Laboratories, Orlando, FL
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 70.0 psf
Water penetration resistance 10.5psf
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ± 70.0 psf design pressure
3. Mullion analysis with Anchor calculations, report numbers 513721-1 through -6, per AAMA 450-10 option 3, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: See charts in installation drawing.
- Maximum horizontal mullion span: 144"
- 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.
- Mullion material to be extruded Aluminum 6063-T5.
- Fenestration units mullied to this product must be manufactured by Nan Ya Plastics Corp., USA and must have their own separate Product Approval.
- Design pressure of mullied units shall be controlled by the lesser design pressure of the assembly components; the mullion or the individual units.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-02903.

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).

