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Engineering Evaluation Report

Report No.: 513189D

Manufacturer: Tapco Incorporated
1815 McCullough Blvd.
Tupelo, MS 38801

Product Line: 475 Door Hurricane Security Screen, Impact HVHZ

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-02433 Revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL 210-3959-02 signed and sealed by Gerard J. Ferrara P.E.
National Certified Testing Laboratories, Orlando, FL
TAS 201TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 50.0 psf design pressure
TAS 202 Uniform Static Air Pressure, ± 50.0 psf design pressure
3. Anchor calculations, report number 511981-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 50.0 psf
- Unit size: 41 3/4" x 94 1/2"
- 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 and sash material to be aluminum 6063-T5.
- Screen material: .035" stainless steel with 12 x 12 strands per square inch and .048" open space between strands. Mesh finish may be natural or painted.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-02433 Revision C.

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).

