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Engineering Evaluation Report

Report No.: 514323

Manufacturer: Sky-Frame, Inc.
Langfeldstrasse 111
Frauenfeld, Switzerland CH-8500

Product Line: Series Sky-Frame 3 Aluminum Horizontal Sliding Door Large and Small Missile Impact, HVHZ

Compliance:

The product mentioned above 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 08-03336, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: I1185.01-301-44 R0 signed by Tyler Westerling, P.E.
Intertek, Fresno, CA.
TAS 201-94 Large Missile Impact Test, Level D, Wind Zone 4
TAS 202 -94 Uniform Static Air Pressure, ± 65.16 psf design pressure, 22.0psf water penetration.
TAS 203-94 Cyclic Pressure loading ± 75.19 psf design pressure (2 track and 4 track)
Cyclic Pressure loading ± 65.16 psf design pressure (3 track)
3. Anchor calculations, report number 514323-1, prepared, signed and sealed by Luis Roberto Lomas P.E.
4. Comparative analysis, report number 514323-2, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 65.0 psf
- Panel size: 91 5/16" x 138 3/16"
- Units must be glazed per ASTM E1300-04/09, according with 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 Aluminum 6060-T64.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03336.

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).

