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Engineering Evaluation Report

Report No.: 510149D

Manufacturer: Acurlite Structural Skylights
1017 N. Vine St
Berwick, PA 18603

Product Line: Hurricane Skylight, Fixed Skylight

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 08-00098, Revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL 110-10024-1 signed and sealed by Robert H Zeiders P.E.
National Certified Testing Laboratories, York, PA
TAS 201 Large Missile Impact Test, Level D, Wind Zone 4
TAS 202 Uniform Static Air Pressure, ± 75.0 psf design pressure, 10.5psf water penetration.
TAS 203 Cyclic Pressure loading ± 75.0 psf design pressure
3. Report No.: NCTL 110-10024-2 signed and sealed by Robert H Zeiders P.E.
National Certified Testing Laboratories, York, PA
ASTM E1886 and ASTM E1996
Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ± 75.0 psf design pressure
4. Anchor calculations, report number 510148-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 75.0 psf
- Unit size: 58 1/4" x 109 1/4"
- Units must be glazed per ASTM E1300, according to glazing details in approval 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.
- Frame material to be aluminum 6063-T6.
- Skylight must be installed with a 14° minimum slope.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-00098 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).

