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Engineering Evaluation Report

Report No.: 514609A

Manufacturer: Solar Innovations
31 Roberts Rd.
Pine Grove, PA 17963

Product Line: RD SI5200 Lean to G2 RV Glazed Structure

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03537 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL-110-20222-1 signed by Justin L. Bupp
National Certified Testing Laboratories, York, PA
ASTM E330
Design pressure: ± 65.0 psf
Water penetration resistance: 15psf
3. Report No.: NCTL 110-20222-2 signed by Justin L. Bupp
National Certified Testing Laboratories, York, PA
ASTM E1886/ ASTM E1996
Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ± 80.0 psf design pressure
4. Report No.: NCTL 110-20222-3 signed by Justin L. Bupp
National Certified Testing Laboratories, York, PA
AAMA 501
Design pressure: ± 65.0 psf
Water penetration resistance: 15psf
5. Anchor calculations, report number 514609-1B, prepared, signed and sealed by Luis Roberto Lomas P.E.
6. Comparative analysis, report number 514609-2, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: Refer to installation drawing
- Unit size: Refer to installation drawing
- 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-T5

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03537, Revision B.

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).

