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Engineering Evaluation Report

Report No.: 513245F

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

Product Line: Series SI7000 G2 International Aluminum Awning Window – Project-Out-At-Bottom Impact

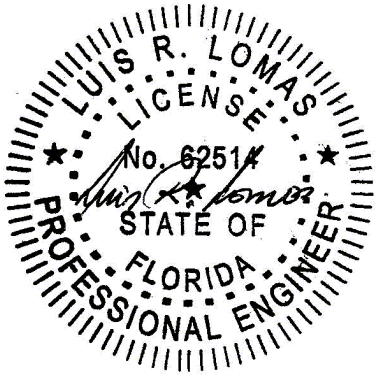
Compliance:
The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:
1. Approval document: drawing number 08-02485 Revision F, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: NCTL 110-17214-2 Revision 3 signed and sealed by Robert H Zeiders P.E.
   National Certified Testing Laboratories, York, PA
   ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
   Cyclic Load Test, ±65.0psf design pressure
3. Report No.: NCTL 110-17214-3 Revision 2 signed and sealed by Robert H Zeiders P.E.
   National Certified Testing Laboratories, York, PA
   AAMA/WDMA/CSA 101/I.S.2/A440
   Design pressure: ±65.0psf
   Water penetration resistance 12.11psf
4. Anchor calculations, report number 513245-1C, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:
- Maximum design pressure: ±65.0psf
- Maximum unit size: Refer to approval 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 extruded Aluminum 6063-T5.

Installation:
Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-02485, Revision F.

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).



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12/13/2023