L. Roberto Lomas P.E.
208 7th Ave
Indialantic, FL 32903
434-688-0609
rllomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 513247D

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

Product Line: Series SI7000 G2 International Fixed Window – Impact

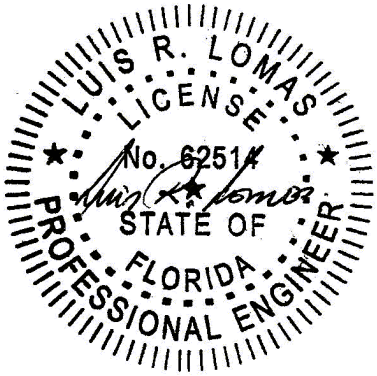
Compliance:
The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:
1. Approval document: drawing number 08-02487 Revision D, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: NCTL 110-17366-2 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 110-17366-3 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: ±65.16psf
   Water penetration resistance 15.04psf
4. Anchor calculations, report number 513247-1C, 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, 08-02487 Revision D.
When the product specified herein is installed within 3000 ft. of saltwater coastline, all anchors and clips must comply with saltwater environment corrosion resistance requirements of FBC Chapter 17.

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).



Luis R. Lomas, P.E.
FL No.: 62514
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