

L. Roberto Lomas P.E.

208 7th Ave

Indialantic, FL 32903

434-688-0609

rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 513803E

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

Product Line: Series SI7000 G2 Frame back to back mullion

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-02959 Revision D, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Mullion analysis with Anchor calculations, report numbers 513803-1B per AAMA 450 option 3, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: Refer to chart in installation drawing
- Maximum mullion span: 120"
- This product is not rated to be used in the HVHZ.
- This product is impact resistant up to wind zone 3 and does not require impact protection in wind borne debris regions.
- Mullion consists of back-to-back jambs fastened together. Jambs are extruded aluminum 6063-T5.
- Fenestration units attached together must have their own separate approval.
- Vertical units may be mulled indefinitely as long as maximum unit size is not exceeded.
- Design pressure of mulled units shall be controlled by the lesser design pressure of the assembly components; the mullion or the individual units.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-02959 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).

