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Engineering Evaluation Report

Report No.: 513803D

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 C, 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 C.

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).

