

L. Roberto Lomas P.E.

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Engineering Evaluation Report

Report No.: 511601

Manufacturer: Solar Innovations, Inc.
234 E. Rosebud Rd.
Myerstown, PA. 17067

Product Line: Poly Wall Aluminum Fixed Lite with Polycarbonate Infill – Non-Impact

Compliance:

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Community Affairs for Statewide Acceptance per Rule 9B-72.070 method 1(d). The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-01045, titled Poly Wall Aluminum Fixed Lite with Polycarbonate Infill – Non-Impact, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No.: NCTL 110-12568-1 signed and sealed by Robert Zeiders, P.E.
National Certified Testing Laboratories, York, PA.
AAMA/WDMA/CSA 101/I.S.2/A440-05
Design pressure: ± 60.0 psf
Water penetration resistance 15.0psf
3. Anchor calculations, report number 511601-1, prepared, signed and sealed by Luis Roberto Lomas P.E.
4. Mullion comparative analysis, report 511601-2, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: See approval document
- Approved configurations: Unlimited panels are approved as long as individual panel D.L.O. does not exceed panel D.L.O. size stated in approval document.
- Units must be glazed with 60mm thick Polycarbonate.
- This product is not rated to be used in the HVHZ.
- This product is not impact resistant and requires impact protection in wind borne debris regions.
- Frame material to be extruded Aluminum 6063-T6 .10" thick.

Installation: Units must be installed in accordance with approval document, 08-01045.

Certification of Independence: Please note that I don't 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 don't have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

