

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

Product Line: Series SI3200 Stack Wall Thermally Broken Aluminum Folding Wall – Non-Impact

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-01147 revision E, titled Stack Wall Thermally Broken Aluminum Folding Wall – Non-Impact, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No.: NCTL 110-12624-1 signed and sealed by Robert Zeiders, P.E.
National Certified Testing Laboratories, York, PA.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ±40.0psf
Water penetration resistance 6.0psf
3. I-Strut Testing:
 - a. Test report ETC-07-1043-19094.0, signed and sealed by Joseph Labora Doldan P.E.
ETC Laboratories, Rochester, NY, ASTM D638
Tensile strength of unexposed samples 10,390psi
Tensile strength of 4500 hour Xenon Arc exposed samples 11,004psi
 - b. Test report ETC-08-1043-20974.0 signed and sealed by Joseph Labora Doldan P.E.
ETC Laboratories, Rochester, NY, ASTM D1929 Self ignition 740oF
 - c. Test report ATI 61261.01-106-18 signed and sealed by Joseph Reed P.E.
Architectural Testing Inc. York, PA
ASTM D635 Rate of burning classification: CC1 (23.9mm/min, .94in/min)
ASTM D2843 Smoke density rating: 2.1
4. Anchor calculations, report number 511714-1C, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ±40.0psf.
- Approved configurations: Unlimited panels in unlimited configurations are approved as long as individual panel area does not exceed 21.4 ft² and uses vertical conditions as shown in approval document.
- Units must be glazed per ASTM E1300, with safety glazing.
- 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 and panel material to be extruded Aluminum 6063-T6

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-01147 Revision E.

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).

