

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

Product Line: Series SI3000 G3 – 3' x 10' Outswing Aluminum Folding Glass Wall Impact

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03112 Revision E, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL 110-19166-1 signed and sealed by Robert H Zeiders P.E.
National Certified Testing Laboratories, York, PA
AAMA/WDMA/CSA 101/I.S.2/A440
CSA A440S1
Design pressure: ± 70.0 psf
Water penetration resistance: 10.5psf
3. Report No.: NCTL 110-19166-2 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, ± 70.0 psf design pressure
4. Test report No.: NCTL 110-15505-1 signed and sealed by Robert H Zeiders P.E.
National Certified Testing Laboratories, York, PA
TAS 201/ TAS 203
Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 80.0 psf design pressure
TAS 202
Uniform Static Air Pressure, ± 55.0 psf design pressure, 9.0psf water penetration.
Anchor calculations, report number 514021-1C, prepared, signed and sealed by Luis Roberto Lomas P.E.
5. Comparative analysis, report number 514021-2A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: Refer to installation drawing
- Approved configurations: Unlimited number of panels in unlimited configurations are approved as long as individual panel area does not exceed 30.02 ft² and uses vertical conditions as shown in approval document.
- Units must be glazed per ASTM E1300, according with 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.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03112 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).

