# L. Roberto Lomas P.E.

**Engineering Evaluation Report** 

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**Manufacturer:** Stergis Windows and Doors

79 Walton Street Attleboro, MA 02703

Product Line: Series 4500 PVC Fixed Window 48" x 98" – Impact HVHZ

### Compliance:

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

## Supporting Technical Documentation:

1. Approval document: drawing number 08-03993, prepared, signed and sealed by Luis Roberto Lomas P.E.

2. Test report No.: NCTL-210-3741-2 signed and sealed by Gerard J. Ferrara P.E.

National Certified Testing Laboratories, Orlando, FL.

TAS 201/ TAS 203

Large Missile Impact Test, Level D, Wind Zone 4 Cyclic Pressure loading ±65.0 design pressure TAS 202

Uniform Static Air Pressure, ±65.0 design pressure, 9.75psf water penetration

3. Test report No.: NCTL-210-3741-2A signed and sealed by Gerard J. Ferrara P.E.

National Certified Testing Laboratories, Orlando, FL.

AAMA/WDMA/CSA 101/I.S.2/A440

Design pressure: ±65.0psf Water penetration resistance 9.75psf

ASTM E1886 and ASTM E1996

Large Missile Impact Test, Level D, Wind Zone 4

Cyclic Load Test, ±65.0 design pressure

4. Anchor calculations, report number 515297-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

# Limitations and Conditions of use:

Design pressure: ±65.0psf
Unit size: ±85.0psf
48" x 98"

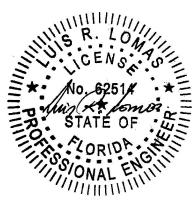
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be Extruded Rigid PVC.

#### Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03993.

### 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).



Luis R. Lomas, P.E. FL No.: 62514 04/04/2024