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## Engineering Evaluation Report

Report No.: 515297

**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  $\pm 65.0$  design pressure  
TAS 202  
Uniform Static Air Pressure,  $\pm 65.0$  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:  $\pm 65.0$ psf  
Water penetration resistance 9.75psf  
ASTM E1886 and ASTM E1996  
Large Missile Impact Test, Level D, Wind Zone 4  
Cyclic Load Test,  $\pm 65.0$  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:  $\pm 65.0$ psf
- Unit size: 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).

