**Engineering Evaluation Report** 

L. Roberto Lomas P.E.

400 S. Palm Ave Indialantic, FL 32903 434-688-0609 rllomas@lrlomaspe.com

Report No.: 515364

Manufacturer:	Stergis Windows and Doors
	79 Walton Street
	Attleboro, MA 02703

Product Line: Series 4500 Tilt and Turn Window - Impact

# Compliance:

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

## Supporting Technical Documentation:

- 1. Approval document: drawing number 08-04049, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Test report No.: NCTL 210-3741-1A 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 & ASTM E1996 Large Missile Impact, Level D, Wind Zone 4 Cyclic Load Test, ±65.0psf design pressure
- 3. Anchor calculations, report number 515364-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

# Limitations and Conditions of use:

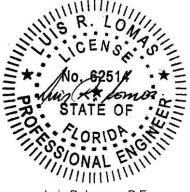
- Design pressure: ±65.0psf
- Unit size: 44" x 80"
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be rigid PVC.

## Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-04049.

## 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 05/13/2024