**Engineering Evaluation Report** 

L. Roberto Lomas P.E.

1432 Woodford Rd. Lewisville, NC 27023 434-688-0609 rllomas@lrlomaspe.com

Report No.: 514631

# Manufacturer: Eastern Architectural Systems 16341 Domestic Avenue Ft. Myers, FL 33912

Product Line: Series 650 Vinyl Sliding Glass Door OXO w/ and w/o pocket LC-PG55 Impact

## Compliance:

The product mentioned above has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3.005 method 1(a). The product listed herein complies with requirements of the current Florida Building Code.

# Supporting Technical Documentation:

- 1. Approval document: drawing number 08-03550, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Test report No.: NCTL-210-4143-01A signed by Christopher Bennet. National Certified Testing Laboratories, Orlando, FL. AAMA/WDMA/CSA 101/I.S.2/A440 Design pressure: ±70.0psf Water penetration resistance: 9.0psf (with 0.522" sill riser) 12.0psf (with 1.44" sill riser) 15.0psf (with 1.94" sill riser) ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 3 ASTM E1886/ E1996 Cyclic Load Test, ±55.0psf design pressure
- Anchor calculations, report number 514631-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

# Limitations and Conditions of use:

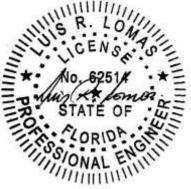
- Maximum design pressure: ±55.0psf
- Panel size: 50 <sup>1</sup>/<sub>4</sub>" x 92 11/16"
- Units must be glazed per ASTM E1300-04/09 according to glazing details in approval drawing.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions up to wind zone 3.
- Frame material to be Vinyl PVC.
- Approved configurations: OX, XO,OO, XX, OXO, XOO, OOX.
- Units must be installed with 0.522" or 1.44" or 1.94" sill riser.

## Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03550.

## Certification of Independence:

Please note that I don't 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 don't 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 09/09/2020