

*L. Roberto Lomas P.E.*

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

## Engineering Evaluation Report

Report No.: 514628

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

**Product Line:** Series 650 Vinyl Sliding Glass Door w/ and w/o pocket LC-PG70 Non-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 08-03547, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL-210-4143-01A signed by Christopher Bennet.  
National Certified Testing Laboratories, Orlando, FL.  
AAMA/WDMA/CSA 101/I.S.2/A440-11  
Design pressure:  $\pm 70.0$ psf  
Water penetration resistance: 12.0psf (with 1.44" sill riser)  
15.0psf (with 1.94" sill riser)
3. Test report No.: NCTL-210-4092-01 signed by Christopher Bennet.  
National Certified Testing Laboratories, Orlando, FL.  
AAMA/WDMA/CSA 101/I.S.2/A440-11  
Design pressure:  $\pm 80.0$ psf  
Water penetration resistance: 10.5psf (with 1.44" sill riser)  
12.0psf (with 1.94" sill riser)
4. Anchor calculations, report number 514628-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

### **Limitations and Conditions of use:**

- Maximum design pressure:  $\pm 70.0$ psf
- Panel size: 50 1/4" x 92 11/16"
- Units must be glazed per ASTM E1300-04/09 with safety glazing.
- This product is not rated to be used in the HVHZ.
- This product is not impact resistant and requires impact protection in wind borne debris regions.
- Frame material to be Vinyl PVC.
- Approved configurations: Multiple panels in 2track, 3track or 4track are approved as long as individual panel area does not exceed 32.38 ft<sup>2</sup>.
- Units must be installed with 1.44" or 1.94" sill riser.

### **Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03547.

### **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).

