

*L. Roberto Lomas P.E.*

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

## Engineering Evaluation Report

Report No.: 515100

**Manufacturer:**           **Therma-Tru Corporation**  
                                  **1750 Indian Wood Circle**  
                                  **Maumee, OH 43537**

**Product Line:**

Series V-3 Thermally-Broken AL French Door Assembly w/Standard & High Performance Thresholds Non-Impact

**Compliance:**

The above mentioned product 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(d). The product listed herein complies with requirements of the current Florida Building Code.

**Supporting Technical Documentation:**

1. Approval document: drawing number 08-03872, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL 110-19489-1 signed and sealed by Robert H Zeiders P.E.  
National Certified Testing Laboratories, York, PA  
TAS 202 Uniform Static Air Pressure,  $\pm 40.0$ psf design pressure, 12.11psf water penetration.
3. Report No.: NCTL 110-19489-2 signed and sealed by Robert H Zeiders P.E.  
National Certified Testing Laboratories, York, PA  
AAMA/WDMA/CSA 101/I.S.2/A440  
Design pressure:  $\pm 40.0$ psf  
Water penetration resistance 12.11psf
4. Anchor calculations, report number 515093-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

**Limitations and Conditions of use:**

- Maximum design pressure: Refer to approval drawing
- Maximum unit size: Refer to approval drawing.
- Units must be glazed per ASTM E1300, with safety glazing.
- This product is 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 Extruded Aluminum 6063-T5 and 6063-T6.

**Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03872.

**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).

