

Evaluation Report - Thermal Door
October 18, 2017

Product Description: Thermal Entrance Door, Single X Leaf, Non-Impact, 40 1/2" x 86 1/4" max. frame size

Manufacturer: Tubelite Inc., 3056 Walker Ridge DR. NW Suite G, Walker, Michigan 49544

Statement of Compliance: This report evaluates the above-listed product per the requirements of FAC Product Approval Rule Chapter 61G20-3.005 (4). This product complies with the requirements of the 6th Edition (2017) Florida Building Code for use outside the HVHZ. The product testing standards performed are outlined below.

Technical Documentation:

- 1) Approval drawing FPA-THRM-NI, signed and sealed by Lucas A. Turner, P.E.
- 2) Test Report A2941.01-109-44, by Architectural Testing, Inc., with testing performed: ASTM E 283-04, ASTM E330-02, and ASTM E331-00 for limited water (performed with full water spray but zero pressure differential)
- 3) Supplemental Calculations to support FPA-THRM-NI, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document FPA-THRM-NI.

Limitations of Use: This product:

- May be used in X configuration in sizes and with max. glass DLO heights and with hardware types as shown in FPA-THRM-NI
- Achieves design pressures as shown in FPA-THRM-NI
- Is non-impact resistant and requires the use of shutters in windborne debris regions
- May not be used in the High Velocity Hurricane Zone
- Requires 1" Insulating Glass consisting of 1/4" Tempered glass outboard lite – Air – 1/4" Tempered glass inboard lite
- Requires 6063-T5 aluminum extrusions as indicated in FPA-THRM-NI

Certification of Independence: I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in Tubelite Inc. or in any company manufacturing or distributing products for which this report is being issued. I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in any other entity involved in the testing or approval process of this product.



72

10/18/2017
Lucas A. Turner, P.E.
FL PE #58201