

Evaluation Report – T34000 Thermally Broken Storefront

August 17, 2018

Product Description: T34000 Thermally Broken Storefront, 4' x 10' max. glass size with heavy duty mullions, 4' x 8' max. glass size with standard mullions, with design pressures as shown in FPA-T34000-LM.

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 including the HVHZ. The product testing standards performed are outlined below.

Technical Documentation:

- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc. Trl., Camden, TN
- 2) Approval drawing FPA-T34000-LM, signed and sealed by Lucas A. Turner, P.E.
- 3) Test report D4091.01-450-18-r0, by Architectural Testing, Inc., signed and sealed by Shawn G. Collins, P.E., with testing performed: ASTM E 283-2004, ASTM E 331-2000, AAMA 501.1-2005, ASTM E330-2002, ASTM E1886-2005, ASTM E1996-2009, and TAS 201/202/203-1994
- 4) Supplemental Calculations to support FPA-T34000-LM, signed and sealed by Lucas A. Turner, P.E.
- 5) Certification statement from Trelleborg, the supplier for dry-glazed gaskets P6503 and P6586, for compliance with ASTM C 864-2005

Installation: Units must be installed according to approval document FPA-T34000-LM.

Limitations of Use: This product:

- May be used in the configurations, panel sizes, maximum glass DLO sizes, and design pressures as shown in FPA-T34000-LM
- Is large and small missile impact resistant and does not require the use of shutters
- May be used in the High Velocity Hurricane Zone
- Requires glazing as indicated in FPA-T34000-LM, with laminated glass interlayers per Miami-Dade NOAs 18-0301.05 for Eastman Saflex CP with PET core, 17-0808.02 for Kuraray SentryGlas, or 17-1114.14 for Kuraray PVB.
- Requires 6063-T5 or -T6 aluminum extrusions as indicated in FPA-T34000-LM

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.



LT

8/17/2018

Lucas A. Turner, P.E.
FL PE #58201