

Evaluation Report –E44000FS
October 5, 2017

Product Description: E44000FS 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-E44000FS.

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 1239 Jabara Ave., North Port, FL
- 2) Approval drawing FPA-E44000FS, signed and sealed by Lucas A. Turner, P.E.
- 3) Test reports C4532.01-450-18-R0 and C9499.01-450-18-R0, by Architectural Testing, Inc., West Palm Beach, FL with testing performed: ASTM E 283-2004, ASTM E 331-2000, ASTM E330-2002, ASTM E1886-2005, ASTM E1996-2009, and TAS 201/202/203-1994
- 4) Supplemental Calculations to support FPA-E44000FS, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document FPA-E44000FS.

Limitations of Use: This product:

- May be used in the configurations, panel sizes, maximum glass DLO sizes, and design pressures as shown in FPA-E44000FS
- 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-E44000FS, with laminated glass interlayers per Miami-Dade NOAs 16-1117.02[†] for Kuraray PVB (prev. Butacite) for glass type GL-1, or 17-0712.03 for Eastman Saflex CP (prev. Vanceva) with PET core for GL-2
- Requires 6063-T5 aluminum extrusions as indicated in FPA-E44000FS

[†] I have evaluated the interlayer material in this NOA and find that it complies with the requirements of the 6th Ed. (2017) Florida Building Code for use in this product.

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.



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10/5/2017

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