

Evaluation Report – Monumental Door HVHZ
October 17, 2017

Product Description: Aluminum Monumental Doors in Curtainwall Frame, HVHZ

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-MON-HVHZ, signed and sealed by Lucas A. Turner, P.E.
- 3) Test reports T584-0101-11-WZ4 (specimens 1 through 6) and T584-0301-11-WZ4 (specimens 1 through 6), by Hurricane Test Lab (now Intertek/ATI West Palm Beach), signed and sealed by Vinu Abraham, P.E., with testing performed: ASTM E 283-04, ASTM E 330-02, ASTM E 1886-05, ASTM E 1996-06, and TAS 201/202/203-94
- 4) Supplemental Calculations to support FPA-MON-HVHZ, signed and sealed by Lucas A. Turner, P.E.
- 5) Certification statement from Tremco, the supplier for dry-glazed gasket P0017, for compliance with ASTM C 864-05

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

Limitations of Use: This product:

- May be used in the configurations, sizes, and design pressures, with hardware as shown in FPA-MON-HVHZ
- 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-MON-HVHZ, with laminated glass interlayers per Miami-Dade NOA 14-0916.11 for 0.090" Kuraray SentryGlas. 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.
- Requires 6063-T5 or -T6 aluminum extrusions as indicated in FPA-MON-HVHZ

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.



22

10/17/2017

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