

Engineering Evaluation Report

Joshua Royce, P.E.
3 Indian Springs Rd
Red Lion, PA 17356

Report: 101282

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

Product: Series 200 Curtain Wall

Description of Product:

The frame is constructed of 6063-T5 aluminum. Framing members were assembled using #10 SS SMS. The pressure plate was attached using #14 SMS and snap on covers were applied to all exterior horizontal and vertical mullions.

Submitted Technical Documentation:

1. Test Report 85616.01-120-32 dated 02/11/09, signed by Joseph Wise of Architectural Testing, Inc. located in York, PA.
AAMA 501-05: Seismic Passed
ASTM E283-04: Air Infiltration: 6.24 psf
ASTM E331-00: Water Infiltration: 15.0 psf
ASTM E330-02: Design Pressure: +/- 60.0 psf
2. Installation Drawing report number 101282D signed and sealed by Joshua Royce P.E.
3. Anchor Calculation report number 101282A signed and sealed by Joshua Royce P.E.
4. Quality Assurance from Architectural Testing Inc. (York, PA)

Limitations of Use:

1. Maximum product design pressure of +/- 60 psf.
2. Maximum product size of 198-1/2" wide by 322" high.
3. Maximum daylight opening of 59-1/2" wide by 64" high.
4. Multi-span curtain wall with maximum space between anchors of 109".
5. Not rated for use in the High Velocity Hurricane Zone (HVHZ).
6. Product is not impact resistant and will require the use of an impact protection system if installed in the Wind Borne Debris Region.
7. Glazing must comply with ASTM E1300. The tested glazing consisted of two sheets of 1/4" fully tempered glass separated by a 1/2" PVC spacer.
8. Glazing – Exterior glazed using a pressure bar system. A 1/2" glazing bite was utilized on all lites. See glazing detail included in drawing package 101282D for further details.
9. Units must be installed as per the manufactures installation instructions and the installation documented in drawing 101282D.
10. The installation details described herein are generic and may not reflect actual conditions for a specific site. If site conditions cause installation to deviate from the requirements detailed herein, a licensed engineer or architect shall prepare site specific documents for use with this document

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Date: 04/28/2015
Page 1 of 2

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Compliance:

The above listed products have been shown to demonstrate compliance with the 2014 Florida Building Code and with the Florida Department of Business and Professional Regulation for Statewide Product Approval as per Rule 61G20-3.

Certificate of Independence:

In accordance with Rule 61G20-3, I do not have, nor do I ever intend to acquire, any financial interest in any manufacturing company associated with this evaluation report. I also do not have any financial interest in the manufacturing company or any company associated with the manufacturing company.