

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: TUBELITE MONUMENTAL STOREFRONT DOORS

MANUFACTURER: TUBELITE, INC
3056 WALKER RIDGE DR. NW, SUITE G
WALKER, MI 49544

To all concerned,

The Tubelite Monumental Storefront Door is an aluminum and glass door or pair of doors set in a Tubelite 400 Series Curtainwall frame. The doors have been tested per Florida Building Code protocols TAS 201, TAS 202, and TAS 203 by Hurricane Test Lab, with results shown in test report # T584-0101-11-WZ4 (Specimens 1-4), T584-0101-11-WZ4 (Specimens 5-6), T584-0301-11-WZ4 (Specimens 1-3, 5), and T584-0301-11-WZ4 (Specimens 4,6).

I have reviewed this submittal per the requirements of Product Approval Rule 9N-3. Based on the limitations listed below and also those provided in the test reports, drawings, and calculations attached, this product meets all the requirements of the 2010 Florida Building Code generally, and chapters 10, 11,16, and 24 specifically, including the HVHZ provisions.

Limitations:

Overall Dimensions:

Maximum frame size:	102 1/2" x 99 1/4"
Maximum design pressure:	+/- 100 psf
Maximum door opening:	96" x 96"
Maximum glass size:	33 9/16" x 77 3/16"

Lock Options:

A/R MS1853/1881 5 pt. Lock:

Maximum door opening: 96" x 96"
Maximum design pressure: +/- 100 psf

A/R MS 1853 3 pt. Lock (active) with
International F1203 Flushbolts (inactive):

Maximum door opening: 96" x 96"
Maximum design pressure: +/- 90 psf
- or -
Maximum door opening: 72" x 84"
Maximum design pressure: +/- 100 psf

First Choice 3600 CVR Panic:

Maximum door opening: 96" x 96"
Maximum design pressure: +/- 65 psf
- or -
Maximum door opening: 72" x 84"
Maximum design pressure: +/- 100 psf

Hinges:

HD P1558 Butt Hinge (4 per leaf)

Maximum door opening: 96" x 96"
Maximum design pressure: +/- 100 psf

HD P1558 Butt Hinge (3 per leaf)

Maximum door opening: 72" x 84"
Maximum design pressure: +/- 100 psf

Glass Types and Gaskets:


1 1/16" Laminated with 0.090" Sentryglas Plus

Maximum size: 33 9/16" x 77 3/16"
Maximum design pressure: +/- 100 psf

The door lites are glazed using continuous strips of Tremco SGT-900 Series Structural Glazing Tape and EPG Door Glazing Gasket on both interior and exterior sides.

If you have any questions or need more information concerning this approval please contact me.

Thank you,


Scott Wolters
FL PE# 62354

4-25-12

SPECIALIZING IN IMPACT RESISTANT CURTAINWALLS, STOREFRONTS, & WINDOWS