TUBELITE®
DEPENDABLE
LEADERS IN ECO-EFFICIENT STOREFRONT, CURTAINWALL AND ENTRANCE SYSTEMS

TEST REPORT SUMMARY

AIR - WATER – STRUCTURAL

Therml=Block Entrance Series

PRODUCT **Therml=Block Entrance Series**
Medium, and Wide Stile

TEST RESULTS

		Medium - Single
Air Infiltration	*ASTM E283*	**0.21 (actual) 1.0 (allowed) cfm/ft^2 @ 1.57 psf**
Static Water Resistance	*ASTM E331*	**0 psf (limited water)**
Structural – Design Load	*ASTM E330*	**+/- 50 psf**
Structural – Overload	*ASTM E330*	**+/- 75 psf**
Operating Force	*ASTM E2068*	**8.0 lbf (force to latch)**
Single Door	Specimen Size: Leaf Size:	40-1/2” x 86-1/4” 35-1/4” x 83”

TEST LAB

INTERTEK – ATI
York, PA 17406

Report Number	A2941.01-109-44
Test Date	2/23/11
Report Date	4/28/11

Reference above ATI report # A2941.01-109-44 dated 4/28/11 for complete test specimen description and data.

Tubelite Representative: _____ (sign) 1/24/2018 (date)

Tim Fookes - Vice President of Engineering (title)

TEST METHODS

Air Infiltration: *ASTM E283-04, Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen*. Testing was conducted at 1.57 psf positive static air pressure difference.

Static Pressure Water Resistance: ASTM E331-00, *Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, Curtain Walls by Uniform Static Air Pressure Difference.* Testing was conducted at 0 psf for positive static air pressure difference for 15 minute duration. Water applied at a minimum rate of 5 gal/ft^2/hr.

Structural Performance: ASTM E330-02, *Standard Test Method for Structural Performance of Exterior Windows, Skylights and Curtain Walls by Uniform Static Air Pressure Difference.* Testing was conducted at +/- 50 psf design loads and +/- 75 psf overloads. Allowable Criteria: Design - L/175 deflection normal to wall plane for clear spans up to 13'-6". Overload – net permanent set shall not exceed 0.2% of the clear span.

Operating Force: ASTM E2068, *Standard Test Method for Determination of Operating Force of Sliding Windows and Doors.* Testing was conducted at 8.0 lbf force to latch.

Reference ATI report # A2941.01-109-44 dated 4/28/11 for complete test specimen description and data. Contact a Tubelite representative for more information.