

PRODUCT **14000 IO Series Storefront Outside Plane SSG**
 2" x 4-1/2" (thermally broken)

TEST RESULTS

Air Infiltration	ASTM E283	0.06 cfm/ft² @ 6.24 psf
Static Pressure Water Resistance	ASTM E331	12 psf
Dynamic Pressure Water Resistance	AAMA 501.1	12 psf
Structural – Design Load	ASTM E330	30 psf
Structural – Overload	ASTM E330	45 psf

TEST LAB

MID AMERICA TESTING
 Catawissa, MO 63015

Report Number	05107L-SSG-Th0
Test Date	3/10/06
Report Date	3/24/06

Reference Mid America report #05107L-SSG-Th0, dated 3/24/2006, for complete test specimen description and data.

Tubelite Representative:



 Tim Fookes - Director of Engineering

(sign) 1/10/2017 (date)

(title)

TEST METHODS

Air Infiltration: *ASTM E283-91, 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 6.24 psf positive static air pressure difference.

Static Pressure Water Resistance: *ASTM E331-93, Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, Curtain Walls by Uniform Static Air Pressure Difference.* Testing was conducted at 12 psf positive static air pressure difference for 15 minute duration. Water applied at a minimum rate of 5 gal/ft²/hr.

Dynamic Pressure Water Resistance: *AAMA 501.1-94, Standard Test Method for Water Penetration of Windows, Curtain Walls, and Doors Using Dynamic Pressure.* Testing was conducted with a dynamic pressure equivalent of 12 psf for a 15 minute duration. Water applied at a minimum rate of 5 gal/ft²/hr.

Structural Performance: *ASTM E330-96, Standard Test Method for Structural Performance of Exterior Windows, Skylights and Curtain Walls by Uniform Static Air Pressure Difference.* Testing was conducted at +/- 30 psf design loads and +/- 45 psf overloads. Allowable Criteria: Design - L/175 deflection of its span normal to wall plane. Overload – net permanent set shall not exceed 0.2% of the clear span.

TEST SPECIMEN

Unit Description: The test unit was identified as a Tubelite T14000 SSG Series and measured a nominal 8' wide x 8' high. A total of six (6) lites of glass were incorporated into the test specimen with the overall depth of the thermally broken system measuring 4-1/2" deep.

Reference Mid America report #05107L-SSG-Th0, dated 3/24/2006, for complete test specimen description and data. Contact a Tubelite representative for more information.