

PRODUCT **300ES Series Curtainwall**
 2-1/4" x 6" (high performance thermally broken)

TEST RESULTS

Air Infiltration	ASTM E283	0.06 cfm/ft ² @ 6.24 psf
Static Pressure Water Resistance	ASTM E331	15 psf
Dynamic Pressure Water Resistance	AAMA 501.1	15 psf
Structural – Design Load	ASTM E330	45 psf
Structural – Overload	ASTM E330	67.5 psf


TEST LAB

Architectural Testing Inc.
(ATI)
 Schofield, WI 54476

Report Number	94346.01-602-32
Test Date	9/10/09
Report Date	9/14/09

Reference ATI report in above table for complete test specimen description and data.

Tubelite Representative:


 _____ (sign) 3/9/2018 _____ (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 6.24 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 15 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 501.1-05, Standard Test Method for Water Penetration of Windows, Curtain Walls, and Doors Using Dynamic Pressure.* Testing was conducted with a dynamic pressure equivalent of 15 psf for a 15 minute duration. Water applied at a minimum rate of 5 gal/ft²/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 +/- 45 psf design loads and +/- 67.5 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.