

PRODUCT **400IG Series Curtainwall**
 2-1/2" x 5 3/4" (captured and structurally glazed)

TEST RESULTS

Air Infiltration	ASTM E283	0.06 cfm/ft² @ 6.24 psf
Static Pressure Water Resistance	ASTM E331	15 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

Architectural Testing Inc.
(ATI)
 York, PA 17402

Report Number	ATI-13360
Test Date	3/24/1994
Report Date	4/15/1994

Reference ATI report in above table for complete test specimen description and data. Contact a Tubelite representative for more information.

Tubelite Representative:

 (sign) 3/5/2018 (date)
 Tim Fookes - Vice President of Engineering (title)

TEST METHODS

Air Infiltration: *ASTM E283, 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, 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 501.1-83, 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, 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 +/- 40 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 0.4% of the clear span.