

AZURIA™

Spectrally Selective Tinted Glass by PPG

Aesthetic Description

Azuria™ Glass (formerly *Azurlite®*), is a stunning aqua-blue glass that is now part of PPG's *Oceans of Color™* collection. *Azuria* Glass's distinctive aesthetic blends brilliantly with the surrounding environment creating structures of unsurpassed beauty, while delivering solar control and spectrally selective* properties that place it at the top of the industry.

Performance Options

Azuria Glass (6mm Monolithic)

- Exceptional Visible Light Transmittance (VLT): 67%
- Good Solar Heat Gain Coefficient (SHGC): 0.50
- Excellent Light to Solar Gain ratio (LSG): 1.34

Azuria Glass (1" I.G. unit, 6mm)

- Outstanding Visible Light Transmittance (VLT): 60%
- Excellent Solar Heat Gain Coefficient (SHGC): 0.38
- Outstanding Light to Solar Gain ratio (LSG): 1.58

Azuria and *Sungate®* 500 (3) Low-E Glass (1" I.G. unit, 6mm)

Combining *Azuria* with *Sungate®* 500 Low-E glass delivers premium performance at a highly competitive cost.

- Excellent Visible Light Transmittance (VLT): 56%
- Excellent Solar Heat Gain Coefficient (SHGC): 0.33
- Superior Light to Solar Gain ratio (LSG): 1.70

Azuria™ and *Solarban®* 60 (3) Solar Control Low-E Glass (1" I.G. unit, 6mm)

Combining these two products provides outstanding overall energy performance.

- Excellent Visible Light Transmittance (VLT): 52%
- Excellent Solar Heat Gain Coefficient (SHGC): 0.30
- Superior Light to Solar Gain ratio (LSG): 1.73

Availability

To ensure ample supply of this exciting new architectural glass, PPG has dedicated production capacity to this product. Architects and builders can be confident of meeting project deadlines when *Azuria* Glass is specified.



Atlantis Resort

Location: Paradise Island, The Bahamas

Product: *Azuria* Glass

Architect: Wimberly Allison Tony & Co.

Glazing Contractor: Commonwealth Building Supplies

Glass Fabricator: Arch Aluminum & Glass Co., Inc.

Owner/Developer: Sun International Hotels Ltd.

OCEANS OF COLOR™

PPG Spectrally Selective Tinted Glasses

Azuria™
Glass

(formerly *Azurlite®*)

Caribia™
Glass

Solexia™
Glass

(formerly *Solex®*)

Atlantica™
Glass

(formerly *Solargreen®*)

For samples
or to speak with
an architectural
representative, call the
PPG Solutions Hotline: 800-377-5267,
or visit
www.ppgglazing.com

* The U.S. Department of Energy defines spectrally selective as glass with a Light to Solar Gain ratio (LSG) of 1.25 or higher.



Glass Technology
Since 1883

AZURIA™

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Amtrak Auto Train
 Location: Lorton, Virginia
 Products: Azuria/Solarban 60 Glass
 Architect: Jacobs Facilities
 Glazing Contractor: Engineered Construction Products
 Glass Fabricator: J.E. Berkowitz, LLP
 Owner/Developer: Amtrak Auto Train



Olympic Village
 Location: Barcelona, Spain
 Product: Azuria Glass

Additional Resources

To obtain samples or learn more about Azuria™ Glass, PPG's Oceans of Color™ collection of spectrally selective tinted glasses, or other PPG architectural glass products, call the PPG Solutions Hotline at 800-377-5267 or visit our architectural glass website at www.ppgglazing.com.

Azuria™ Glass (formerly Azurite®) Performance — Commercial Insulating Glass Unit and Monolithic Comparisons Using 1/4" (6mm) Glass¹

Product	Transmittance		Reflectance		U-Value (Imperial)		Shading Coefficient	Solar Heat Gain Coefficient	Light to Solar Gain (LSG)
	Ultra-violet %	Visible %	Visible Light %	Total Solar Energy %	Winter Night-time	Summer Day-time			
Monolithic and I.G. Unit									
Azuria Monolithic	42	67	7	5	1.09	1.12	0.58	0.50	1.34
Azuria + Clear, I.G. Unit	34	60	11	7	0.48	0.57	0.44	0.38	1.58
Sungate® Low-E Glass									
Azuria + Sungate 100 (3), I.G. Unit	24	55	9	7	0.31	0.34	0.37	0.32	1.72
Azuria + Sungate 500 (3), I.G. Unit	28	56	12	8	0.35	0.40	0.39	0.33	1.70
Solarban® Solar Control Low-E Glass									
Azuria + Solarban 60 (3), I.G. Unit	10	52	9	7	0.29	0.31	0.35	0.30	1.73

¹ 1" insulating glass unit with 1/2" air space unless otherwise noted. For detailed information on the methodologies used to calculate the aesthetic and performance values in this table, please visit www.ppgglazing.com.
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