



Sammamish 2A
Location: Issaquah, WA
Products: Atlantica™/Solarban® 60 Glass
Architect: LMN Architects
Glazing Contractor: Washington Glass & Glazing
Glass Fabricator: Hartung Glass Industries

Atlantica™ Glass (formerly **Solargreen®**) is one of the original ocean-inspired tints now featured in PPG's **Oceans of Color®** collection of spectrally selective tinted architectural glasses.

Aesthetic Description

Atlantica glass is the spectrally selective* emerald-green member of PPG's **Oceans of Color** collection. As timeless and beautiful as the ocean for which it is named, **Atlantica** glass combines desirable visible light transmittance and excellent solar heat control with a pleasant green aesthetic that complements a diverse range of building materials.

Performance Options

Atlantica Glass (6mm Monolithic)

- Exceptional Visible Light Transmittance (VLT): 67%
- Good Solar Heat Gain Coefficient (SHGC): 0.52
- Excellent Light to Solar Gain (LSG) ratio: 1.28

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

- Outstanding Visible Light Transmittance (VLT): 60%
- Excellent Solar Heat Gain Coefficient (SHGC): 0.39
- Outstanding Light to Solar Gain (LSG) ratio: 1.50

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

- Excellent Visible Light Transmittance (VLT): 56%
- Excellent Solar Heat Gain Coefficient (SHGC): 0.35
- Exceptional Light to Solar Gain (LSG) ratio: 1.60

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

- Combining these two PPG high-performance products gives architects and contractors the ability to maintain high visible light transmittance while achieving superior solar heat control.
- Excellent Visible Light Transmittance (VLT): 52%
 - Excellent Solar Heat Gain Coefficient (SHGC): 0.31
 - Superior Light to Solar Gain (LSG) ratio: 1.68

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



(formerly **Solargreen®**)



(formerly **Solex®**)



(formerly **Azurlite®**)

ATLANTICA™

Spectrally Selective Tinted Glass by PPG



Gallup University
Location: Omaha, NE
Products: Atlantica™/Solarban® 60 Glass
Architect: Gensler
Glazing Contractor: Keystone Glass Company
Glass Fabricator: Arch Aluminum and Glass Co., Inc.
Owner/Developer: Gallup Organization

Fabrication and Availability

Atlantica glass provides maximum processing flexibility and can easily be heat-strengthened, tempered, or laminated to satisfy increased strength or safety glazing requirements. **Atlantica** glass is durable and readily available from nearly 100 glass fabrication locations throughout the U.S. and Canada.

Additional Resources

Atlantica glass is just one of the  **EcoLogical Building Solutions** from PPG. For more information, or to obtain samples of **Atlantica** glass, call 1-888-PPG-IDEA, or visit www.ppgglazing.com.

PPG IdeaScapes™ Integrated products, people and services to inspire your design and color vision.

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

Glass Type	Transmittance			Reflectance		U-Value (Imperial)		K-Value (Metric)		Shading Coefficient	Solar Heat Gain Coefficient	Light to Solar Gain (LSG)
	Ultra-violet %	Visible %	Total Solar Energy %	Visible Light %	Total Solar Energy %	Winter Night-time	Summer Day-time	Winter Night-time	Summer Day-time			
Monolithic (6mm)												
ATLANTICA	16	67	34	7	5	1.02	0.93	5.79	5.28	0.61	0.52	1.28
Insulating Vision Unit Performance Comparisons 1-inch (25mm) units with 1/2-inch (13mm) airspace and two 1/4-inch (6mm) lites; interior lite clear												
ATLANTICA Tinted Glass	13	60	29	11	7	0.47	0.50	2.67	2.84	0.47	0.39	1.50
SUNGATE® Low-E Glasses												
SUNGATE 100 (3) ATLANTICA	10	55	23	9	7	0.31	0.30	1.76	1.70	0.39	0.33	1.67
SUNGATE 500 (3) ATLANTICA	11	56	25	12	7	0.35	0.35	1.99	1.99	0.41	0.35	1.60
SOLARBAN® 60 Solar Control Low-E Glass												
SOLARBAN 60 (3) ATLANTICA	4	52	20	10	8	0.29	0.28	1.65	1.55	0.35	0.31	1.68

Performance data calculated using LBL Window 5.2. For detailed information on the methodologies used to calculate the aesthetic and performance values in this table, please visit www.ppgglazing.com or request our Architectural Glass Catalog.

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