



Fisher Plaza
Location: Seattle, WA
Products: Atlantica™/Solarban® 60 Glass
Architect: Lance Mueller and Associates/Architects
Glazing Contractor: Goldfinch Brothers, Inc.
Glass Fabricator: Hartung Glass Industries
Owner: Fisher Communications, Inc.

Atlantica™ Glass (formerly **Solargreen®**) is one of the original ocean-inspired tints featured in PPG's **Oceans of Color®** collection of nautically-inspired 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

See other side for a complete performance table, including two second-surface low-e coating 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): 0.40
- 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): 53%
- Excellent Solar Heat Gain Coefficient (SHGC): 0.30
- Superior Light to Solar Gain (LSG) ratio: 1.78

Atlantica™ and Solarban® 70XL (3) Solar Control Low-E Glass (1" I.G. Unit, 6mm)

- Good Visible Light Transmittance (VLT): 49%
- Excellent Solar Heat Gain Coefficient (SHGC): 0.28
- Superior Light to Solar Gain (LSG) ratio: 1.74



Atlantica™
Glass

(formerly **Solargreen®**)



Solexia™
Glass

(formerly **Solex®**)



Caribia®
Glass



Azuria™
Glass

(formerly **Azurlite®**)



NEW!
Pacifica™
Glass

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

ATLANTICA™

Ocean-Inspired Tinted Glass from PPG

Atlantica™ and Solarban® z50 (3) Solar Control Low-E Glass (1" I.G. Unit, 6mm)

- Good Visible Light Transmittance (VLT): 39%
- Excellent Solar Heat Gain Coefficient (SHGC): 0.30
- Excellent Light to Solar Gain (LSG) ratio: 1.28

Fabrication and Availability

Atlantica glass provides maximum processing flexibility and can be easily laminated, tempered or heat-strengthened to satisfy increased strength or safety glazing requirements.

Atlantica glass with second-surface Solarban 70XL and Solarban 60 coatings is available exclusively through the PPG Certified Fabricator Network. Atlantica glass is also readily available without second-surface Solarban coatings from nearly 100 glass fabrication locations throughout the U.S. and Canada, and international representatives in 25 countries.

Additional Resources

EcoLogical Building Solutions

from PPG encompass a number of environmentally sustainable architectural glass products, including Atlantica glass with Vistacool™, Solarban and Sungate coatings. For more information or to obtain samples of any PPG glass product, call 1-888-PPG-IDEA (774-4332), or visit www.ppgideascales.com. All PPG architectural glass is Cradle to Cradle Certified.™



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



Waterfront Marriott Hotel

Location: Seattle, WA

Products: Atlantica™/Solarban® 60 Glass

Architect: Jenson/Frey

Glazing Contractor: Goldfinch Brothers, Inc.

Glass Fabricator: Northwestern Industries, Inc.

Owner/Developer: Fisher Communications, Inc.

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

Glass Type	Transmittance			Reflectance		U-Value (Imperial)		European U-Value	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				
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™ Glass											
ATLANTICA + Clear	13	30	29	11	7	0.47	0.50	2.81	0.47	0.40	1.50
SOLARBAN 70XL (2) ATLANTICA + Clear*	2	48	16	9	8	0.28	0.26	1.50	0.26	0.23	2.07
SOLARBAN 60 (2) ATLANTICA + Clear	5	54	20	8	7	0.29	0.27	1.55	0.31	0.27	1.98
ATLANTICA + SOLARBAN 70XL (3)*	2	49	17	10	8	0.28	0.26	1.50	0.32	0.28	1.74
ATLANTICA + SOLARBAN 60 (3) Clear	5	53	20	9	7	0.29	0.27	1.55	0.35	0.30	1.78
ATLANTICA + SOLARBAN z50 (3) OPTIBLUE	4	39	15	8	7	0.29	0.27	1.55	0.34	0.30	1.28
ATLANTICA + SUNGATE 500 (3) Clear	11	56	25	12	7	0.35	0.35	1.96	0.41	0.35	1.60

* Solarban 70XL for annealed applications is applied to Starphire glass; heat treated applications will require either clear or Starphire glass depending on manufacturing process.

All performance data calculated using LBNL Window 5.2 software, except European U-Value, which is calculated using WinDat version 3.0.1 software. For detailed information on the methodologies used to calculate the aesthetic and performance values in this table, please visit www.ppgideascales.com or request our Architectural Glass Catalog.

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