



Vitro
Architectural Glass



Blue & Green Tinted Glasses

Ocean-Inspired Tints

Vitro's spectrum of blue and green tinted glasses are engineered to deliver exceptional solar control while providing a rich, nautical-inspired aesthetic.

Aesthetic: Ocean-Inspired Blue & Green Tints

Reflectivity: Low

Availability				
Titan™ Glass Sizes	BirdSmart® Glass	Annealed	Heat Treatable	Vitro Certified® Network
	✓	✓	✓	✓

Compatibility			
Laminated	Bent	Heat Soaked Testing	Used With Sungate Therml™ Glass
✓	✓	✓	✓

Insulating Glass Unit Performance Comparisons | 1-inch (25 mm) units with 1/2-inch (13 mm) airspace and two 1/4-inch (6 mm) lites

Outdoor Lite: Coating if Any (Surface) Glass	Glass Type + Indoor Lite: Coating if Any (Surface) Glass	Visible Light Transmittance (VLT) %	Visible Light Reflectance		(BTU/hr ² ft ² °F) NFRC U-Value		Solar Heat Gain Coefficient (SHGC)	Color Rendering Index (CRI)
			Exterior %	Interior %	Winter Nighttime	Winter Argon		

Pacifica® Glass

Solarban® 60 (2) Pacifica® + Clear		34	6	9	0.29	0.24	0.25	72
Solarban® 65 (2) Pacifica® + Clear		33	7	13	0.29	0.24	0.21	72
Solarban® 70 (2) Pacifica® + Clear		31	7	13	0.28	0.24	0.19	69
Solarban® 90 (2) Pacifica® + Clear		24	6	18	0.29	0.24	0.17	69
Solarban® R100 (2) Pacifica® + Clear		20	11	13	0.29	0.25	0.16	66
Solarban® R77 (2) Pacifica® + Clear		23	9	15	0.29	0.24	0.17	70
Solarban® R67 (2) Pacifica® + Clear		26	8	15	0.29	0.24	0.19	68

Solarblue® Glass

Solarban® 60 (2) Solarblue® + Clear		45	7	11	0.29	0.24	0.29	94
Solarban® 65 (2) Solarblue® + Clear		44	8	14	0.29	0.24	0.26	85
Solarban® 70 (2) Solarblue® + Clear		41	8	13	0.28	0.24	0.22	81
Solarban® 90 (2) Solarblue® + Clear		32	8	18	0.29	0.24	0.19	81
Solarban® R100 (2) Solarblue® + Clear		26	15	13	0.29	0.25	0.19	79
Solarban® R77 (2) Solarblue® + Clear		30	13	16	0.29	0.24	0.20	83
Solarban® R67 (2) Solarblue® + Clear		34	10	15	0.29	0.24	0.23	81

Azuria® Glass

Solarban® 60 (2) Azuria® + Clear		54	8	11	0.29	0.24	0.28	78
Solarban® 65 (2) Azuria® + Clear		54	11	14	0.29	0.24	0.27	78
Solarban® 70 (2) Azuria® + Clear		50	10	13	0.28	0.24	0.24	69
Solarban® 90 (2) Azuria® + Clear		39	9	19	0.29	0.24	0.21	75
Solarban® R100 (2) Azuria® + Clear		32	21	13	0.29	0.25	0.19	72
Solarban® R77 (2) Azuria® + Clear		36	17	16	0.29	0.24	0.21	76
Solarban® R67 (2) Azuria® + Clear		42	13	16	0.29	0.24	0.23	74

Solexia® Glass

Solarban® 60 (2) Solexia® + Clear		61	9	12	0.29	0.24	0.32	90
Solarban® 65 (2) Solexia® + Clear		61	12	14	0.29	0.24	0.30	89
Solarban® 70 (2) Solexia® + Clear		56	11	14	0.28	0.24	0.26	85
Solarban® 90 (2) Solexia® + Clear		44	10	19	0.29	0.24	0.22	86
Solarban® R100 (2) Solexia® + Clear		36	25	13	0.29	0.25	0.21	83
Solarban® R77 (2) Solexia® + Clear		41	20	16	0.29	0.24	0.23	87
Solarban® R67 (2) Solexia® + Clear		47	16	16	0.29	0.24	0.25	85

Atlantica® Glass

Atlantica® + Solarban® 60 (3) Clear		53	8	10	0.29	0.24	0.31	84
Atlantica® + Solarban® 65 (3) Clear		52	10	13	0.29	0.24	0.29	85
Atlantica® + Solarban® 70 (3) Clear		48	9	11	0.28	0.24	0.28	81
Atlantica® + Solarban® 90 (3) Clear		39	13	12	0.29	0.24	0.26	82

Optiblu®† Glass

Solarban® 60 (2) Optiblu® + Clear		51	8	11	0.29	0.24	0.32	91
Solarban® 65 (2) Optiblu® + Clear		50	10	14	0.29	0.24	0.29	92
Solarban® 70 (2) Optiblu® + Clear		46	9	13	0.28	0.24	0.23	87
Solarban® 90 (2) Optiblu® + Clear		37	8	19	0.29	0.24	0.20	88
Solarban® R100 (2) Optiblu® + Clear		30	19	13	0.29	0.25	0.20	86
Solarban® R77 (2) Optiblu® + Clear		34	15	16	0.29	0.24	0.21	90
Solarban® R67 (2) Optiblu® + Clear		39	12	15	0.29	0.24	0.25	88

†Optiblu® is a unique substrate by Vitro Glass designed for use with several Solarban® coatings.

All performance data calculated using LBNL Window 7.8 software and represents center of glass performance data. For detailed information on the methodologies used to calculate the aesthetic and performance values in this table, please visit vitroglazings.com or request our Architectural Glass Catalog.

Sustainability

All Vitro Architectural Glass Products meet US GSA Low-Embodied Carbon standards.

Vitro is the **first** U.S. glass manufacturer to have its entire collection earn **Cradle to Cradle Certified®** recognition and **first** North American glass manufacturer to publish **Environmental Product Declarations** (EPDs) for Flat and Processed Glass Products.



EPD
Environmental
Product Declaration

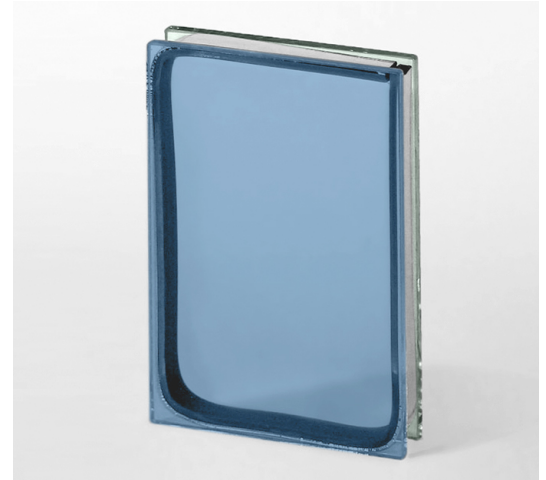


LEC
Low Embodied
Carbon



For more information visit vitroglazings.com,
or call 1-855-VTRO-GLS (887-6457).

To order samples, visit samples.vitroglazings.com



Solarban® 90 Solarblue® Glass

Projects

Members 1st Credit Union Headquarters | Enola, Pennsylvania | Solarban® 60 Pacifica® Glass | Architect: Greenfield Architects
Glass Fabricator: W.A. Wilson & Sons Inc. | Glazing Contractor: Hershocks | Photographer: Jim Cunningham

FirstHealth Cancer Center | Pinehurst, North Carolina | Vistacool® Azuria® Solarban® 60 Glass, Vistacool® Pacifica® Solarban® 60 Glass
Architect: Clark Patterson Lee | Glass Fabricator: Press Glass Inc. | Glazing Contractor: Jacobs Glass Company Inc.
Photographer: Jim Cunningham

Brown & Brown Headquarters | Daytona Beach, Florida | Solarban® R100 Glass, Solarblue® Glass | Architect: Reynolds, Smith & Hills
Glass Fabricator: Tristar Glass Inc. | Glazing Contractor: West Tampa Glass | Photographer: Tom Kessler