

Solarban® R100 Solar Control Low-e Glass

A Neutral-Reflective Low-e Glass that Performs

One of the best-performing architectural glass products on the market, Solarban® R100 glass uniquely balances reflectivity and color-neutrality, delivering energy efficiency with a pleasant, cool blue-gray appearance.

1-Inch IGU on Clear (2)		Substrate Options		
SHGC	VLT%	Clear	Low-Iron	Tinted
0.70	79	✓	✓	✓

Aesthetic: Cool blue-gray

Reflectivity: High

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°ft²°F) NFRC U-Value		Solar Heat Gain Coefficient (SHGC)	Color Rendering Index (CRI)
			Exterior %	Interior %	Winter Nighttime	Winter Argon		
Solarban® R100 Neutral-Reflective Low-e Glass								
Solarban® R100 (2) Clear + Clear		42	32	14	0.29	0.25	0.23	93
Solarban® R100 (2) Acuity®+ Acuity®		43	33	13	0.29	0.25	0.23	92
Solarban® R100 (2) Starphire® + Starphire®		44	33	14	0.29	0.25	0.23	93
Solarban® R100 (2) Solexia® + Clear		36	25	13	0.29	0.25	0.21	83
Solarban® R100 (2) Azuria® + Clear		32	21	13	0.29	0.25	0.19	72
Solarban® R100 (2) Optiblue® + Clear		30	19	13	0.29	0.25	0.20	86
Solarban® R100 (2) Solarblue® + Clear		26	15	13	0.29	0.25	0.19	79
Solarban® R100 (2) Solarbronze® + Clear		25	15	13	0.29	0.25	0.18	95
Solarban® R100 (2) Optigray® + Clear		29	18	13	0.29	0.25	0.20	89
Solarban® R100 (2) Solargray® + Clear		21	12	13	0.29	0.25	0.17	89
Solarban® R100 (2) Pacifica® + Clear		20	11	13	0.29	0.25	0.16	66

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.



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

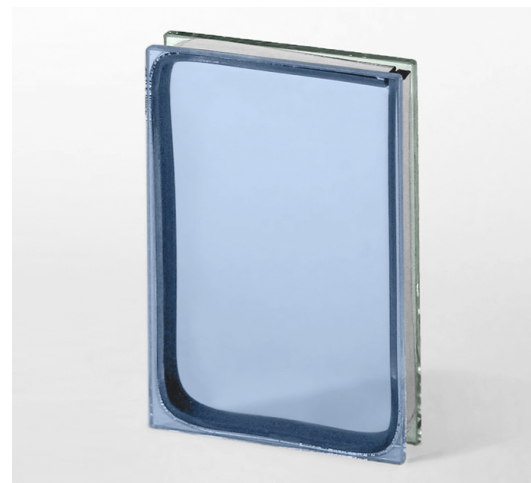
To order samples, visit samples.vitroglazings.com

Projects

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

One River North | Denver, Colorado | Solarban® R100 Acuity® Glass (Tower), Solarban® 72 Acuity® Glass (Podium)
Architect: MAD Architects | Glass Fabricator: Millet Glass | Glazing Contractor: Alliance Glazing Technologies | Photographer: Tom Kessler

70 Rainey | Austin, Texas | Solarban® R100 Glass | Architect: Page Inc. | Vitro Certified® Fabricator
Glazing Contractor: Win-Con Inc. | Photographer: Albert Vecerka / Esto



Solarban® R100 Optiblue® glass offers excellent thermal performance combined with a subtle steel-blue gray appearance