



70 Rainey



Brown & Brown Headquarters



One River North

## 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
	0.23	42	✓	✓	✓

**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/hr²ft²°F) NFRC U-Value		Solar Heat Gain Coefficient (SHGC)	Color Rendering Index (CRI)
			Exterior %	Interior %	Winter Nighttime	Winter Argon		

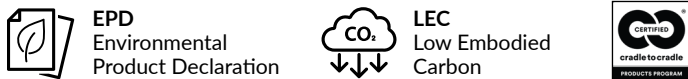
Solarban® R100 Neutral-Reflective Low-e Glass								
Solarban® R100 (2) Clear + Clear		42	32	14	0.29	0.25	0.23	93
Solarban® R100 (2) Acuity®+ Acuity®		43	33	13	0.29	0.25	0.23	92
Solarban® R100 (2) Starphire® + Starphire®		44	33	14	0.29	0.25	0.23	93
Solarban® R100 (2) Solexia® + Clear		36	25	13	0.29	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](http://vitroglazings.com), or call 1-855-VTRO-GLS (887-6457).

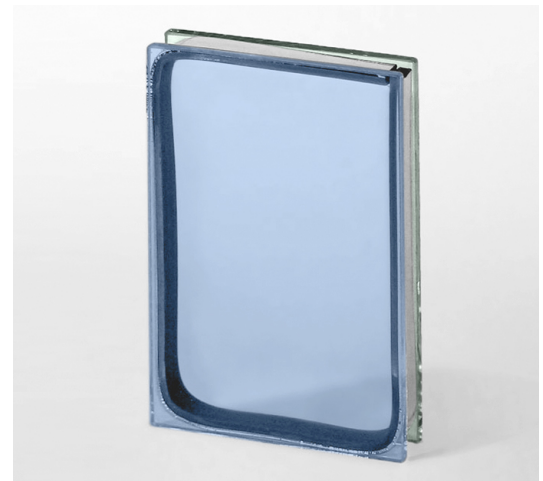
To order samples, visit [samples.vitroglazings.com](http://samples.vitroglazings.com)

**Projects**

**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

**One River North** | Denver, Colorado | Solarban® R100 Acuity® Glass (Tower), Solarban® 72 Acuity® Glass (Podium) | Architect: MAD Architects  
Glass Fabricator: Millet Glass Industry | 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