



*Solarban<sup>®</sup> 65 solar control low-e glass is a modernization of Vitro's popular Solarban<sup>®</sup> 60 glass, shown here on the Calgary Central Library.*

## Solarban<sup>®</sup> 65 Solar Control Low-e Glass

# Uncompromising Performance and Visual Clarity

Solarban<sup>®</sup> 65 glass reduces energy consumption, enabling year-round comfort with heating and cooling cost savings, while maintaining a crisp, clear, color-neutral aesthetic.

1-Inch IGU on Clear (2)		Substrate Options		
SHGC	VLT%	Clear	Low-Iron	Tinted
0.35	70	✓	✓	✓

**Aesthetic:** Clear, color-neutral

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

**Solarban® 65 Solar Control Low-e Glass**

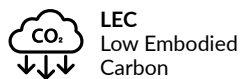
Solarban® 65 (2) Clear + Clear		70	14	15	0.29	0.24	0.35	96
Solarban® 65 (2) Acuity® + Acuity®		72	15	15	0.29	0.24	0.36	98
Solarban® 65 (2) Starphire® + Starphire®		73	15	15	0.29	0.24	0.36	99
Solarban® 65 (2) Azuria® + Clear		54	11	14	0.29	0.24	0.27	78
Solarban® 65 (2) Optiblue® + Clear		50	10	14	0.29	0.24	0.29	92
Solarban® 65 (2) Optigray® + Clear		49	9	14	0.29	0.24	0.28	94
Solarban® 65 (2) Solarblue® + Clear		44	8	14	0.29	0.24	0.26	85
Solarban® 65 (2) Solarbronze® + Clear		42	8	14	0.29	0.24	0.25	95
Solarban® 65 (2) Solargray® + Clear		35	7	13	0.29	0.24	0.23	94
Solarban® 65 (2) Solexia® + Clear		61	12	14	0.29	0.24	0.30	89
Solarban® 65 (2) Pacifica® + Clear		33	7	13	0.29	0.24	0.21	72
Atlantica® + Solarban® 65 (3) Clear		52	10	13	0.29	0.24	0.29	85
Graylite® II + Solarban® 65 (3) Clear		7	4	12	0.29	0.24	0.12	85

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)



Solarban® 65 Starphire® Glass

**Project**

Calgary Central Library | Calgary, Alberta, Canada | Solarban® 60 Glass, Starphire® Glass, Solarban® 72 Glass | Architect: Snøhetta and Dialog  
Glass Fabricator: Oldcastle BuildingEnvelope® | Glazing Contractor: Ferguson | Photographer: Michael Grimm