



Solarban[®] 65 solar control low-e glass is a modernization of Vitro's popular Solarban[®] 60 glass, shown here on the Calgary Central Library.

Solarban[®] 65 Solar Control Low-e Glass

Uncompromising Performance and Visual Clarity

Solarban[®] 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								
Glass Type Outdoor Lite: Coating if Any (Surface) Glass + 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		
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

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® 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