

# Product Data Sheet



## Product Description

*Solarban*<sup>®</sup> 65 solar control, low-e glass by Vitro Architectural Glass (formerly PPG Glass) is designed to offer superior energy efficiency, which can help you provide year-round comfort with heating and cooling cost savings. With a solar heat gain coefficient (SHGC) of 0.35, *Solarban*<sup>®</sup> 65 glass is engineered to block 65% of solar heat energy while also allowing 70% of the visible light to pass through. *Solarban*<sup>®</sup> 65 glass is an ideal product choice for designing with high levels of visual clarity while achieving exceptional energy efficiency, as proven by its 0.29 winter nighttime U-value.

## Aesthetic Options

In a standard one-inch insulating glass unit (IGU), *Solarban*<sup>®</sup> 65 glass offers a crisp, neutral aesthetic. *Solarban*<sup>®</sup> 65 glass can be coated on clear glass, *Acuity*<sup>®</sup> low-iron glass and *Starphire*<sup>®</sup> low-iron glass.

## Fabrication and Availability

Beginning in January 2024, *Solarban*<sup>®</sup> 65 glass will be available exclusively through the *Vitro Certified*<sup>®</sup> Network. *Vitro Certified*<sup>®</sup> Fabricators can meet tight construction deadlines and accelerate the delivery of replacement glass before, during and after construction. *Solarban*<sup>®</sup> 65 glass is manufactured using the sputter-coating process and is only available for tempered applications.

## Supporting Sustainable Design

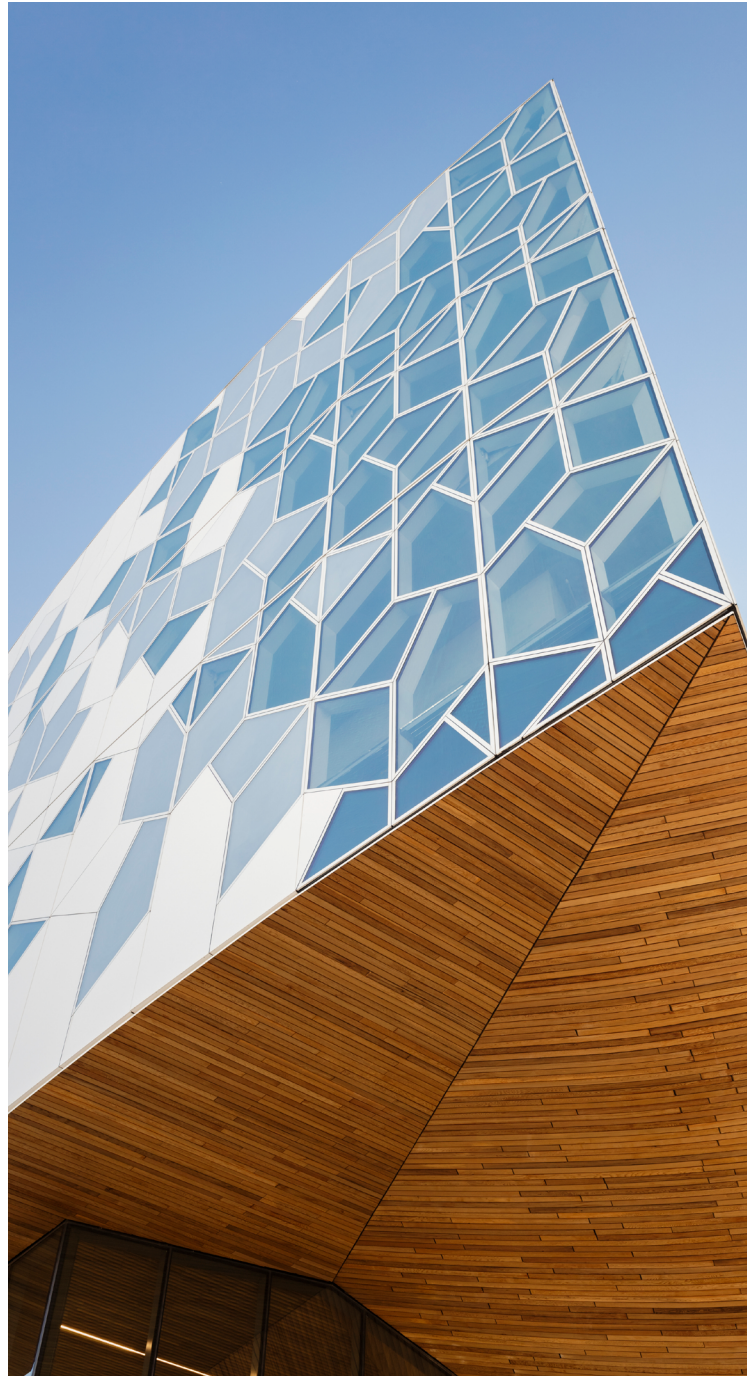
Vitro Architectural Glass provides abundant opportunities for architects and building owners to realize their sustainability objectives.

**Sustainability Documentation:** Vitro Architectural Glass is the first U.S. float glass manufacturer to have its entire selection of products recognized by the *Cradle to Cradle Certified*<sup>™</sup> program, and the first in North America to publish third-party verified Environmental Product Declarations (EPDs) for its Flat Glass and Processed Glass products.

For additional credit opportunities and supporting documentation, visit [vitroglazings.com/LEED](https://vitroglazings.com/LEED)

## Request Samples

To obtain samples of any Vitro Glass product, call 1-855-VTRO-GLS (877-6457) or visit [samples.vitroglazings.com](https://samples.vitroglazings.com).



*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 glass is designed to meet today's stricter code standards with an improved SHGC of 0.35.

Solarban® 65 Solar Control Low-E 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		Visible Light Transmittance (VLT) %	Visible Light Reflectance		(BTU/hr <sup>2</sup> ft <sup>2</sup> °F) NFRC U-Value		Solar Heat Gain Coefficient (SHGC)	Color Rendering Index (CRI)
	+ Indoor Lite: Coating if Any (Surface) Glass			Exterior %	Interior %	Winter Nighttime	Winter Argon		
<b>Solarban® 65 Solar Control Low-E Glass</b>									
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
<b>Solarban® 60 Solar Control Low-E Glass</b>									
Solarban® 60 (2) Clear + Clear			70	11	12	0.29	0.24	0.39	95
Solarban® 60 (2) Acuity® + Acuity®			73	11	12	0.29	0.24	0.41	97
Solarban® 60 (2) Starphire® + Starphire®			74	11	12	0.29	0.24	0.41	98
<b>Solarban® 70 Solar Control Low-E Glass</b>									
Solarban® 70 (2) Clear + Clear			64	13	14	0.28	0.24	0.27	91
<b>Solarban® 72 Solar Control Low-E Glass</b>									
Solarban® 72 (2) Acuity® + Acuity®			67	13	14	0.28	0.24	0.28	94
Solarban® 72 (2) Starphire® + Starphire®			68	13	14	0.28	0.24	0.28	95

All performance data calculated using LBNL Window 7.3 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



Similar to Solarban® 60 glass (left), Solarban® 65 glass (middle) offers a crisp, neutral aesthetic that allows 70% of visible light to pass through while offering thermal performance similar to Solarban® 70 glass (right), the most commonly specified low-e glass in the industry.

For more information about Solarban® 65 low-e glass and other Cradle to Cradle Certified™ architectural glasses by Vitro Glass, visit [vitroglazings.com](http://vitroglazings.com), or call 1-855-VTRO-GLS (887-6457).

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