

# Product Data Sheet



## Product Description

*Solarban® 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® 65* glass is engineered to block 65% of solar heat energy while also allowing 70% of the visible light to pass through. *Solarban® 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® 65* glass offers a crisp, neutral aesthetic. *Solarban® 65* glass can be coated on clear glass, *Acuity®* low-iron glass and *Starphire®* low-iron glass.

## Fabrication and Availability

Beginning in January 2024, *Solarban® 65* glass will be available exclusively through the *Vitro Certified®* Network. *Vitro Certified®* Fabricators can meet tight construction deadlines and accelerate the delivery of replacement glass before, during and after construction. *Solarban® 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™* 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).

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® 60 Solar Control Low-E Glass								
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
Solarban® 70 Solar Control Low-E Glass								
Solarban® 70 (2) Clear + Clear		64	13	14	0.28	0.24	0.27	91
Solarban® 72 Solar Control Low-E Glass								
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](https://vitroglazings.com) or request our Architectural Glass Catalog

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

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