

SOLARBAN Solar Control Low-e

PPG Industries complete line of SOLARBAN glazings is available exclusively through its Certified Fabricator Program. ITI Glass is proud to be a PPG CFP member since 2006.

Industry-Leading Performance, Striking Aesthetics

SOLARBAN solar control low-e glass is spectrally selective, meaning it reduces the transmittance of infrared and ultraviolet radiation from the sun without blocking visible light. This allows architects and building designers to manage solar control and daylighting principles according to their design goals.

Architects and building designers select SOLARBAN glazings because of their industry-leading performance, striking optical aesthetics and overall quality that is unmatched by other solar-control products.

Approved Fabricator

SOLARBAN glazings are available exclusively through PPG's Certified Fabricator Program. ITI Glass is proud to be a CFP member since 2006 and a trusted source for quality fabricated SOLARBAN glazings.



SOLARBAN Z50 at Intrust Bank Arena in Wichita, Kansas.



All PPG architectural glazings are "Cradle to Cradle" Silver Certified.

SOLARBAN Z50 has a subtle, steel blue-gray aesthetic with low exterior reflectance (8%) that can complement a variety of building designs. The product is designed to manage glare and provides solar control and daylighting principles of sustainable design. From the interior, its low reflectance of 11% and neutral color provide a natural view to the outdoors.



SOLARBAN 67 **NEW!**

SOLARBAN 67 is a double-silver coated neutral-transparent glazing, and the newest addition to the SOLARBAN product line. In a 1-inch IGU, the product has 54% visible light transmittance and a LSG ratio of 1.89 that is higher than any double-silver architectural glass. Its SHGC of 0.29 nearly equals triple-silver SOLARBAN 70 XL and is a step above double-silver SOLARBAN 60. **SOLARBAN 67** sets a new performance standard for double-silver coated low-e glass.

SOLARBAN 70 XL offers an efficient balance between solar control and visible light transmittance. The product is triple-silver coated to effectively reduce solar heat gain, yet it retains high visible light transmittance. In a 1-inch clear IGU the product has a LSG ratio of 2.28, which surpasses all solar control low-e available.



SOLARBAN R100 has a crisp, neutral-reflective aesthetic. The product is the performance leader among architectural glazings in its category. No other neutral-reflective glazing achieves a low SHGC of 0.23 and visible light transmittance of 41% in a 1-inch IGU. The product is versatile and harmonizes with many materials.



SOLARBAN Performance Comparison

The table represents a comparison of SOLARBAN glazings with low-e on the No. 2 surface and a clear interior lite. 1-inch IGUs constructed with 1/4-inch glass and 1/2-inch airspace.

Glass Type	VLT%	SHGC	LSG
SOLARBAN 60	70	0.38	1.85
SOLARBAN 70 XL	64	0.28	2.28
SOLARBAN 67	54	0.29	1.89
SOLARBAN Z50	51	0.32	1.58
SOLARBAN R100	41	0.23	1.80

SOLARBAN 60 is a double-silver coated, neutral-transparent glazing that offers balanced solar control, providing year-round comfort by minimizing demand to heat and cool. In a 1-inch clear IGU, the product blocks 67% of solar energy while allowing 70% visible light transmittance. Also available on STARPHIRE, a low-iron glass for even more clarity.

