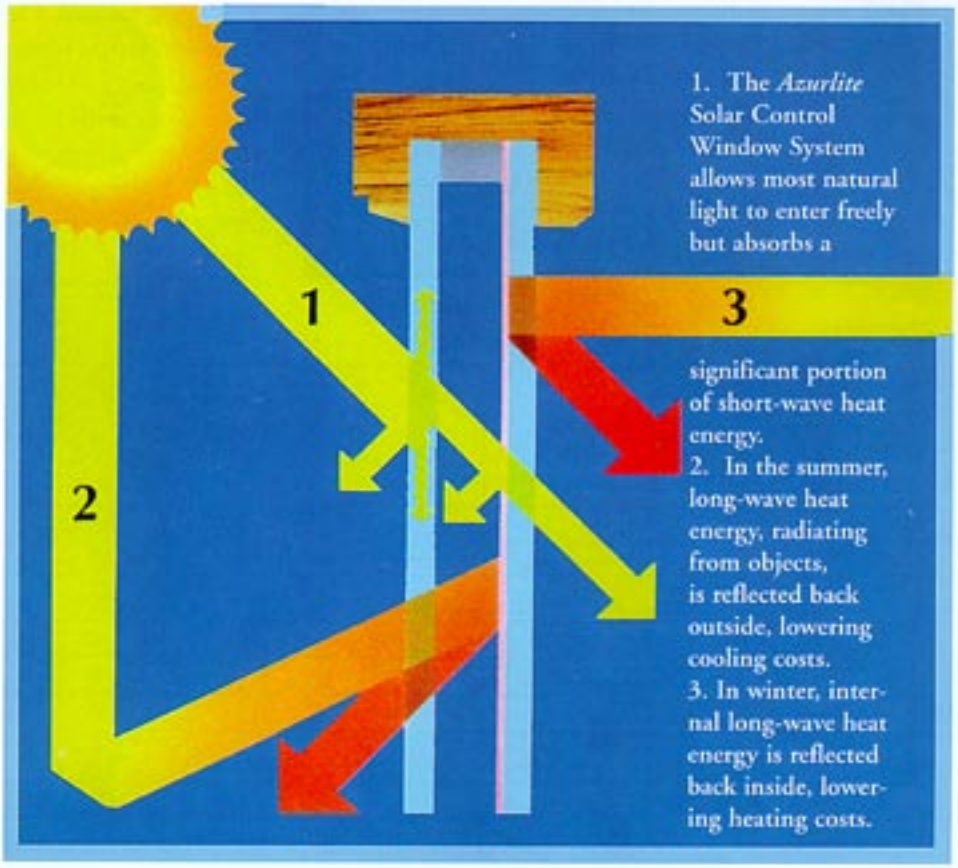
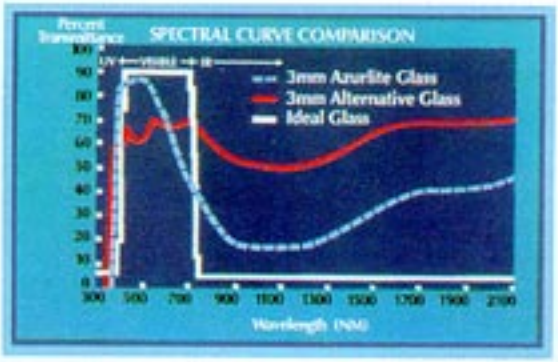
AZURLITE® GLASS SOLAR CONTROL WINDOW SYSTEM.



Unmatched performance in solar control.

Now there's a window system designed specifically for use in residential windows where the warm climate dictates home cooling requirements. The *Azurlite* Glass Solar Control Window System from PPG offers you the choice of using *Azurlite* solar control glass alone combined with one of PPG's energy-saving *Sungate*® coated low-E glasses in an insulating glass (IG) unit. The result is windows that not only look beautiful, but provide performance that helps keep your house cooler in summer and easier to heat in the wintertime.



The *Azurlite* Glass Solar Control Window System closely approaches the "ideal" characteristics for a window. It allows a high amount of visual light to be transmitted, but greatly reduces the amounts of ultraviolet and infrared radiation.

Let the sunlight in. But not the heat.

Here's how the *Azurlite* Glass Solar Control Window System works. PPG's distinctive aquamarine-tinted *Azurlite* solar control glass is used as the outside window pane. *Azurlite* glass offers better heat-absorbing properties than any other solar control glass available, even when used alone. But add an inside glazing of one of PPG's high performance *Sungate* coated low-E glasses, and the PPG Glass System reduces solar-related heat gain by an amazing 35% when compared to a standard clear glass IG unit. And when compared to single-glazed clear glass windows, the System with *Azurlite* glass is an incredible 52% better at controlling solar heat gain.

Traditionally, darkly tinted glasses have been used in window systems to control heat gain inside a building. Unfortunately, this approach comprises both the window's aesthetics and its visible light transmittance. But windows made with the *Azurlite* Glass Solar Control System greatly reduce unwanted solar heat build-up while allowing much more visible light to shine through.

What this all means is that the *Azurlite* Glass Solar Control Window System gives you windows with high visible light transmittance that makes your home look brighter and more open. Yet its low shading coefficient helps your home feel more comfortable, year round.

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Energy benefits in wintertime, too.

In most areas of the country, outdoor wintertime temperatures make some home heating necessary. The *Azurlite* Glass Solar Control Window System provides benefits under these conditions, too. Windows made using the System with *Sungate* coated low-E glass can help lower home heating costs by reducing the flow of heat to the outside during cold weather.

Product (All glass is 3mm; IG units are 1/2" airspace with argon gas and inboard clear lite (except Low-E units)	Unit Construction	Visible Light Transmittance (380-760 nm) %	Shading Coefficient	LCS Index	Ultra Violet Transmittance (300-390 nm) %	Relative Heat Gain	U-Value Summer BTU/hr/sq ft/°
Clear Glass	Monolithic	90	1.00	90	80	213	1.11
SOLARBRONZE® Glass	Monolithic	68	0.83	82	46	180	1.11
AZURLITE Glass	Monolithic	77	0.67	115	54	149	1.11
Clear Glass	Insulating Glass Unit	82	0.87	94	70	182	0.46
SOLARBRONZE Glass	Insulating Glass Unit	62	0.70	89	42	147	0.46
AZURLITE Glass	Insulating Glass Unit	70	0.53	132	48	113	0.46
Inboard lite is SUNGATE® 500 Coated Glass (Pyrolytic Low-E) for following units:							
Clear Glass	Low-E Insulating Glass	76	0.83	92	60	172	0.30
SOLARBRONZE Glass	Low-E Insulating Glass	57	0.65	88	36	135	0.30
AZURLITE Glass	Low-E Insulating Glass	65	0.48	135	41	100	0.30
Inboard lite is SUNGATE® 100 Coated Glass (MSVD Low-E) for following units:							
Clear Glass	Low-E Insulating Glass	78	0.73	107	44	149	0.26
SOLARBRONZE Glass	Low-E Insulating Glass	58	0.57	102	26	117	0.26
AZURLITE Glass	Low-E Insulating Glass	66	0.41	161	30	87	0.26

NOTES:

1. All data based on Lawrence Berkeley Laboratory's Window 4.0; a glazing system performance software package. 2. LCS Index equals Shading Coefficient divided by theVisible Light Transmittance. It shows a relationship between the glazing system's ability to block direct solar heat and allow visible light through the window. A higher number is better.

Helps prevent damage from ultraviolet rays.

Windows made with the *Azurlite* Glass Solar Control Window System using *Sungate* coated low-E glass can cut the amount of ultraviolet rays transmitted into a home by as much as 57% when compared to a standard clear insulating glass unit, and 63% when compared to a single pane of clear glass. So they can help reduce fading and damage to fabrics, carpeting, and furniture.

PPG has just what you need.

The *Azurlite* Glass Solar Control Window System offers you the opportunity to have windows that are not only beautiful, but functionally practical,too. The System combines the technologies of advanced solar control and *Sungate* coated low-E energy-saving glasses to create a window system with the performance to handle the special cooling requirements of windows in warmer climates while minimizing heat loss during cold weather.

AZURLITE
Glass by PPG Industries

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