

# SOLARBAN® 60

SOLAR CONTROL LOW-E GLASS

IT'S WHAT TO LOOK FOR IN A WINDOW™



Glass Technology  
Since 1883



## LOOK INTO THE BEST GLASS FOR YOU

**I**n the process of shopping for a window, there are so many details to consider that many people overlook the most important part – the glass.

Like the engine in your car, the glass determines most of a window's performance – and it definitely plays a role in the comfort in your home. PPG Solarban® 60 Solar Control Low-E Glass was engineered to provide year-round comfort. It keeps you cooler in the summer by keeping solar heat out. And it keeps you warmer in winter by keeping furnace heat in.

As you read on, you'll see why, for the ultimate in comfort and energy savings, PPG Solarban Solar Control Low-E Glass is what to look for in a window.



**SOLARBAN®60**  
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## LOOK INTO THE BENEFITS OF PPG SOLARBAN® 60 SOLAR CONTROL LOW-E GLASS

PPG Solarban® 60 Solar Control Low-E Glass can play a critical role in improving the energy efficiency and comfort of your home. When compared to regular glass, you can see how PPG Solarban 60 Solar Control Low-E Glass can make a dramatic difference in your home.

### COOLER IN SUMMER

The total solar energy transmitted through Solarban 60 (2) glass is almost 50% less than that transmitted by standard clear insulating glass.

- Lower SHGC numbers mean less summer heat
- Keeps interiors cooler
- Helps reduce cooling energy costs

Standard Insulating Glass Unit  
(clear glass only)



PPG Solarban® 60  
Insulating Glass Unit



### TRANSMITS VISIBLE LIGHT/APPEARANCE

The Solarban 60 (2) window transmits about 88% as much desirable visible light as standard clear insulating glass.

- Provides exterior appearance similar to clear glass
- Provides glare control in bright, sunny climates



### REDUCES ULTRAVIOLET ENERGY

Solarban 60 (2) glass reduces fabric-fading UV energy 73% more effectively than standard clear insulating glass.

- Helps protect interior furnishings, fabrics and carpets from fading



### WARMER IN WINTER

The winter nighttime U-Value (insulating value) of Solarban 60 (2) glass is almost 50% better than standard clear insulating glass.

- Lower U-values mean higher performance
- Reduces furnace heat loss
- Helps reduce heating energy costs



Note: All comparisons are based on windows containing 2" insulating units, two 1/2" clear glass lights and a 1/2" clear air-filled space for the standard clear insulating glass and argon gas filled space for the PPG Solarban® 60 insulating glass. Actual glass performance may differ slightly due to glass thickness, gas fill and glass to frame seals.

Note: Heat Gain Coefficient (SHGC) is a ratio of the solar heat gain entering the space through the fenestration products to the incident solar radiation. Solar heat gain includes directly transmitted solar heat and absorbed solar radiation which is then re-radiated (conducted) or convected into the space.

Figures may vary due to manufacturing tolerances. All tabulated data are based on the National Fenestration Rating Council (NFRC) methodology, using the Lawrence Berkeley National Laboratory's Window 7 software.

## THE SOLARBAN® 60 SOLAR CONTROL LOW-E GLASS DIFFERENCE

PPG Solarban® 60 glass helps your home be more energy efficient and comfortable thanks to an almost invisible, microscopically-thin coating that blocks out solar energy and keeps in furnace heat.

As you can see from the picture below, you can feel the dramatic difference this thin coating can make. The window with Solarban 60 glass transmits far less heat than the clear glass window. All that heat is being blocked by the Solarban coating.

When you choose PPG Solarban 60 Solar Control Low-E Glass, you'll feel more comfortable year round and for years to come.

### HEAT PHOTOGRAPHS (increased temperature)

Standard Clear  
Insulating Glass



PPG Solarban® 60  
Insulating Glass





At PPG, it's our job to give homeowners like you the best window glass available. Since 1883 we've pioneered many of the glass technologies you'll find in some of the world's best windows.

PPG holds more patents than any other manufacturer in the Low-E glass marketplace. That spirit of innovation is part of the reason that millions of windows have been installed with PPG Low-E coatings since 1983 and are still performing well today.

For more information on Solarban® 60 Solar Control Low-E Glass and other innovative PPG Glass Technologies for windows and doors, call us at 1-888-PPG-GLAS or visit us online at [www.ppgglass.com](http://www.ppgglass.com). Or, contact the window manufacturer listed below.



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IT'S WHAT TO LOOK FOR IN A WINDOW™

PPG customers use our products to manufacture Energy Star compliant windows, doors and skylights.



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