

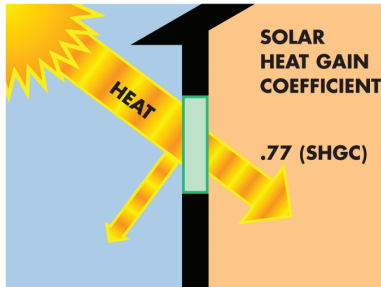
PPG RESIDENTIAL GLASS PRODUCTS



SOLARBAN® Features/Benefits Comparison

SOLAR CONTROL LOW-E GLASS **70XL**

Standard Clear Insulating Glass

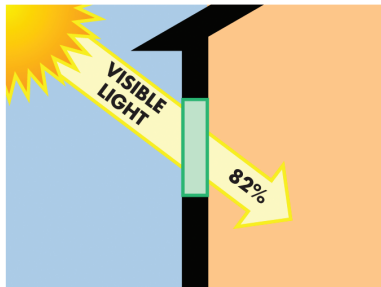
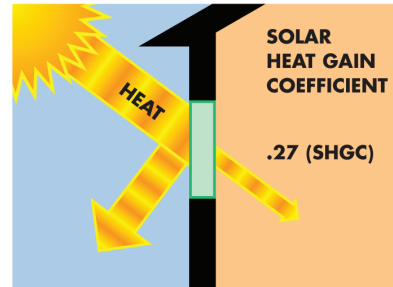


Cooler In Summer

The total solar energy transmitted through *Solarban*® 70XL (2) glass is almost 63% less than that transmitted by standard clear insulating glass.

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

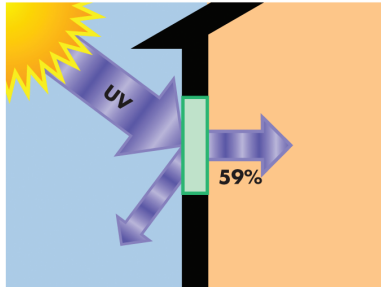
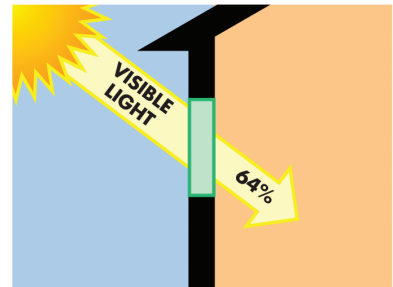
Solarban® 70XL (2) Insulating Glass



Transmits Visible Light/Appearance

The *Solarban*® 70XL (2) window transmits about 80% as much desirable visible light as standard clear insulating glass.

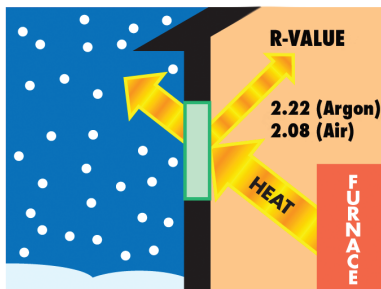
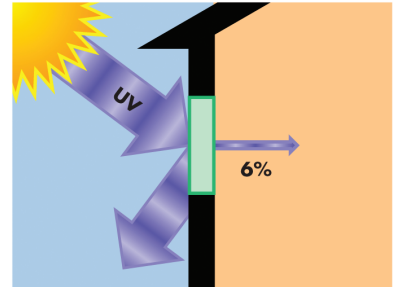
- Provides exterior appearance similar to clear glass
- Provides glare control in bright, sunny climates



Reduces Ultraviolet Energy

Solarban® 70XL (2) glass reduces fabric-fading UV energy 90% more effectively than standard clear insulating glass.

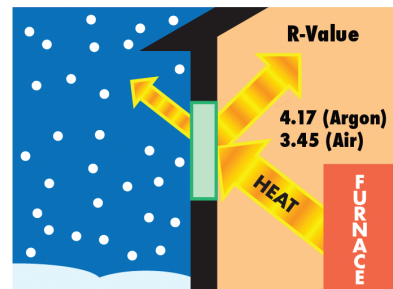
- Helps protect interior furnishings, fabrics and carpets from fading



Warmer In Winter

The winter nighttime U-Value (insulating value) of *Solarban*® 70XL (2) glass is as much as 47% 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 3/4" insulating units; two 1/8" (3mm) glass lites and a 1/2" (12mm) air- or argon-filled space for the standard clear insulating glass and the *Solarban*® 70XL insulating glass. Actual glass performance may differ slightly due to glass thickness, gas fill and glass to frame ratio.

Solar Heat Gain Coefficient (SHGC) represents the solar heat gain through the glass relative to the incident solar radiation. It is equal to 86% of the shading coefficient.

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 5.2 software.

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