SOLARBAN® 60
Solar Control Low-e Glass

Comfort in any Climate

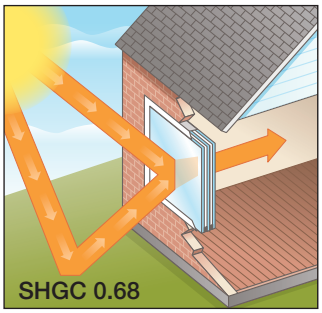
Triple-IGU Features/Benefits Comparison

Cooler in Summer

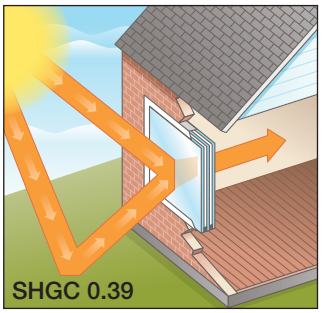
The total solar energy transmitted through **Solarban 60 (3)(5)** glass is **29%** less than that transmitted by standard clear insulating glass.

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

Standard Clear Insulating Glass



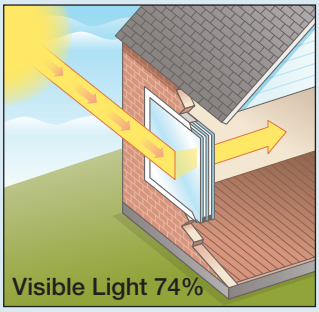
Solarban 60 (3)(5) Insulating Glass

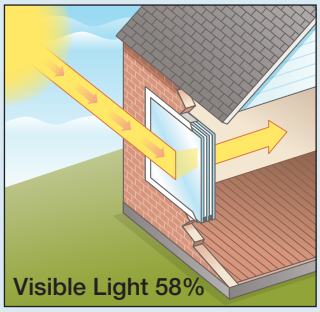


Transmits Visible Light/Appearance

A window with **Solarban 60 (3)(5)** glass transmits almost **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

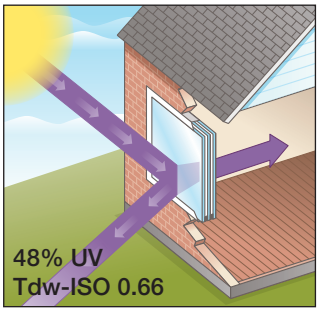


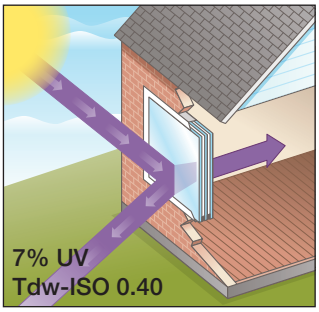


Fading Factors

While **Solarban 60 (3)(5)** glass blocks **93%** of damaging UV energy, it also blocks other contributors to fading — in all, **40%** better than standard clear insulating glass.

- Helps protect interior furnishings, fabrics and carpets from fading

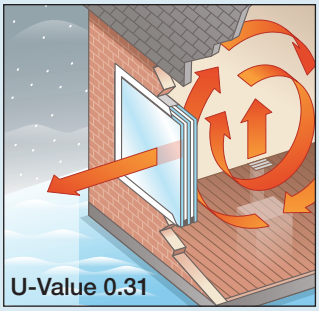


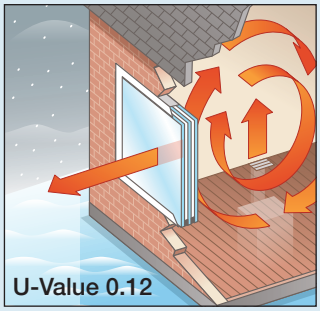


Warmer in Winter

The winter nighttime U-value (insulating value) of **Solarban 60 (3)(5)** glass is more than **61%** better than standard clear insulating glass.

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





Note: Tdw-ISO represents potential fading damage caused by both UV and visible light. It is considered by the U.S. Department of Energy and the International Standards Organization (ISO) to be a more accurate barometer of fade resistance than UV transmittance alone. All comparisons are center of glass based on an insulating unit containing 1 3/8" (overall dimension) insulating units with three 1/8" (3mm) glass lites and two 1/2" (12mm) air-filled spaces for the standard clear insulating glass and 90% argon gas-filled spaces for the Solarban® 60 insulating glass. Actual glass performance may differ 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 6.3 software.

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