

China good quality energy efficiency Low-E double insulating glass professional factory



What is Low E Insulated Glass ?

Low-E insulating glass named low e double glazing glass, low e IGU glass , Low E DGU glass, and so on. Its made by two or more safety tempered glass or float glass sheets and one or more panels of them with Low E coating to save energy. The low e coating of the Low E double glazing glass can be single coated Low E, double Low-E, triple coated Low E which have different performance and colors. For more information, please consult our sales engineer to get our data sheet and samples.

In the very hot climate, the perfect choice of [glass for windows and doors](#) is Low-E Insulating Glass. Low-e glass has low levels of radiant energy. Low-E glass is manufactured by applying specific metallic coatings (silver, zinc or tin) to the surface of glass to reflect heat. There are two types of Low-E glass: hard coat and soft coat. Hard coat Low-E glass is manufactured by pouring a thin layer of molten tin onto a sheet of glass while the glass is still slightly molten. Soft coat Low-E glass, on the other hand, involves the application of silver, zinc or tin to glass in a vacuum. The glass enters a vacuum chamber filled with an inert gas which is electrically charged.

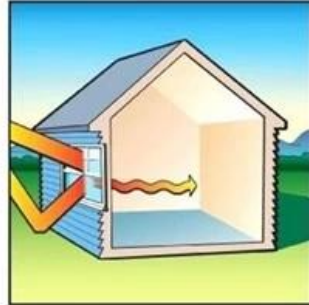
A Solution for Solving the Solar Heat Gain Coefficient Dilemma

The solar heat gain coefficient (SHGC) is a number that represents the fraction of solar radiation admitted through a window, both transmitted and absorbed, and subsequently released inward. The lower a window's solar heat gain coefficient, the less solar heat it transmits, which therefore leads to greater shading ability. Climates that rely heavily on air conditioning will benefit from a window product that displays a lower SHGC. As shown, the Solarban 60 unit will outperform the standard clear unit by as much as 49%.

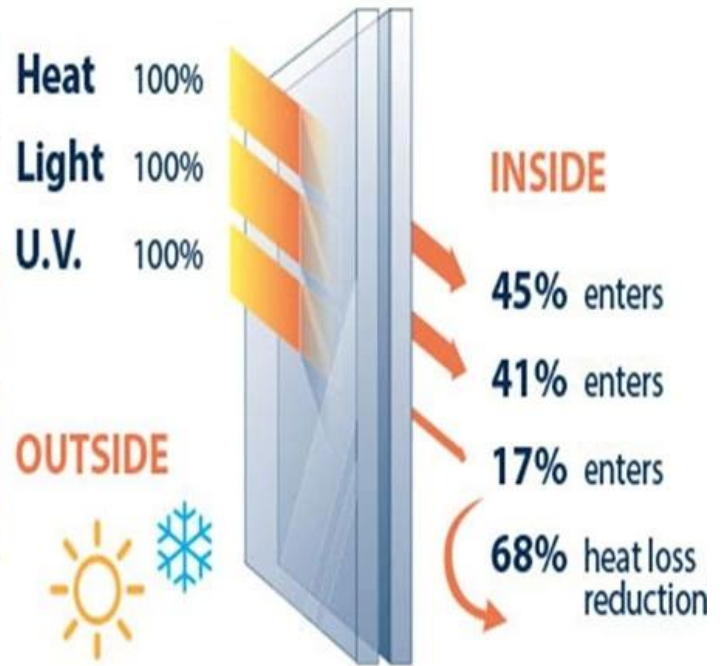
Summer Solar Heat



Standard clear unit
Conventional aluminum spacer
Air Fill
SHGC – 0.75



Solarban 60 unit
Intercept spacer
Argon Gas Fill
SHGC – 0.38

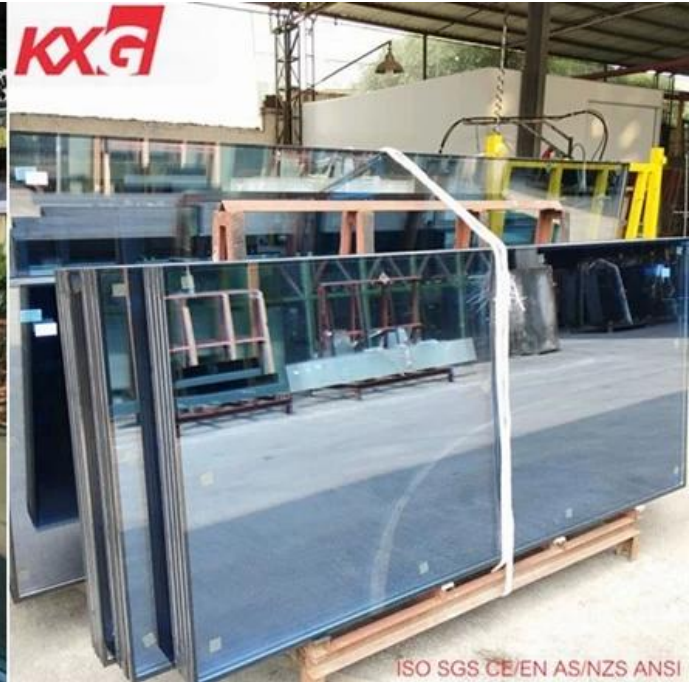


Low E Insulated Glass Performance Features

1. Choose Low E according to your parameter;
2. Low U value (K value) and SC;
3. Different colors available;
4. Strong soundproof;
5. Keep warm or cold, energy conservation.

Low-e Double Glazing Glass Applications

1. Building glass wall;
2. [Outer curtain glass wall](#);
3. Hotel, hospital, shop mall glass windows;
4. Electronic appliance, like freezer low e insulated glass etc.



Why Choose Kunxing Glass to Produce Low E Glass?

[Kunxing GLASS](#) is your Low-E insulated glass manufacturer. With many years produce and exported Low-E insulating glass for all over clients used in homes, businesses and commercial buildings of all types, we are confidence to tell that we give you more professional suggestion and idea.

Low E insulated glass application



Jumbo size insulated glass packing

