

## Insulated Glass Window Panels

Insulated glazing (IG), more commonly known as double glazing (or double-pane, and increasingly triple glazing/pane), consists of two or three glass window panes separated by a vacuum or gas filled space to reduce heat transfer across a part of the building envelope.

Insulating Glass Units (IGU) can be applied to Commercial Glass Window, Residential Glass Window, Glass Store Front Door, etc. Insulated Glass Window Panels make an excellent way to save energy cost, here means air conditioning expense cost, because they can provide complete protection to your home from direct sunlight which means that you will not have to use air conditioning extensively which is one of the leading factors of increase in energy cost.



Insulating



Insulating Laminated



Laminated Insulating



Double Laminated Insulating



Triple Insulating

*Sun Global Glass*

## Specification:

- 1.Max: 2700x3700mm
- 2.Min:180x350mm
- 3.Custom sizes based on customers requirements

Single Glass thickness	5mm+5mm 6mm+6mm 8mm+8mm 10mm+10mm
Spacer thickness	6A, 9A, 12A, 15A, 20A
Gas in Spacer	Air, Argon Gas
Glass color	Clear, ultra clear, bronze, blue, green, gray
Insulated glass size	1.Max: 2700x3700mm 2.Min:180x350mm 3.Custom sizes based on customers requirements
Insulated glass composition	1.Clear tempered glass+ Low e tempered glass 2.Clear tempered glass+Reflective tempered glass 3. Clear tempered glass + Tinted tempered glass 4.customized composition based on requirements.

## Features:

1.energy-saving effect, To reduce the indoor heating, play a great efficiency. Therefore, the greater the window opened, the more obvious energy-saving effect.

2.Improve the indoor environment, High-performance insulating glass can intercept the considerable energy from the sun into the room, thus preventing discomfort caused by radiant heat and reducing dizziness caused by sunset sunlight.

3.rich colors and artistic, high-performance insulating glass has a variety of colors, can be selected according to the color, in order to achieve better artistic results.

4.constant temperature and humidity of the special buildings, high-performance insulating glass use, For office buildings, exhibition rooms, libraries and other public facilities and computer rooms, precision instrument workshops, chemical plants and other requirements of constant temperature and humidity of the special buildings.

5.sun protection and anti-evening light dazzling place,insulated glass can be used for sun protection and anti-evening light dazzling place.

## Frequent Question &Answer:

1. What is the Overall Thickness of the insulated Glass?

--Standard thicknesses of insulated glass range from 11 mm to 33 mm. Custom glass thickness is also available.

## 2. What is meant by Low E Glass?

---Low E glass basically stands for Emissivity. These glasses allow the opening of visible light however blocks the infrared and UV light using a thin metallic coating on or in the glass. Ultraviolet light rays are the sunlight which is harmful for the skin as well as furniture etc. using low E glass thus allows you to protect your things from UV light.

### **Quality:**

Insulated glass Conforms to the standards of Europe, North American and China: ISO, CCC, CE, BS6206, EN12510, ANSI Z97.

### **Product Details:**

