

## **SZG-Glass Manufacturer-Building Glass- Bronze Tempered Insulated Glass**

**6mm+12A+6mm bronze tempered insulated glass** is a type of energy-saving glass with excellent effects of sound and heat insulation. It's made by one piece of 6mm bronze tempered glass and another piece of 6mm clear/bronze [tempered glass](#) combined with 12A aluminum spacer with dry air or argon gas. The glass panels and aluminum gas spacer will be sealed after being surrounded by high-strength and high-density composite adhesive. 6mm+12A+6mm bronze tempered insulated glass is also called 6mm+12A+6mm bronze double glazing, 6+12mm Argon spacer+12mm bronze ESG DGU, 24mm brown toughened insulated glass, 6mm+6mm insulated glass unit, 6mm+6mm bronze toughened insulating glass, 24mm double glazed, 24mm IGU, 24mm DGU, etc.

**Images of 24mm bronze double glazing:**



**Shenzhen Sun Global Glass**



**Shenzhen Sun Global Glass**





### **Specifications:**

Product name: 6mm+6mm bronze tempered insulated glass

Shapes: flat DGU, curved DGU

Composition: 6mm bronze tempered glass + 12A spacer +6mm clear/bronze tempered glass

Spacer: Air, argon

Spacer thickness: 6A 9A 12A 15A 20A

Available colors: Clear, ultra clear, blue, bronze, grey, green, etc.

Size: Customized sizes, jumbo sizes are available.

Delivery: 10-15 days after deposit received, urgent services are available.

Package: Strong plywood crates especially for exportation.

### **Production equipment:**





## **Advantages of bronze toughened insulated glass:**

1.Sound proof: 24mm insulated glass can block the sound transmission efficiently.

2. Energy saving: Bronze insulating glass has good effect for heat insulation.
3. Radiation heat preventing: Brown double glazing can prevent radiation heat.
4. Safety: Tempered insulated glass is about 4~5 times harder than annealed insulated glass. The glass panel will become small cubic pieces when it's broken.
5. Using insulated glass as curtain wall is a good way to reduce the total weight of the buildings.
6. To make the buildings look artistic.

### **Popular applications:**

24mm bronze double glazing glass is widely used for modern constructions because of its excellent effect for heat and sound insulation:

1. Curtain wall and facade wall;
2. Window & doors;
3. Sound-proof wall to reduce noise pollution;
4. Partition wall, etc.





### **Quality Standards:**

The 24mm tempered insulated glass produced by SZG glass meets the following quality standards:

- 1.CCC standard(Chinese Safety Glass Compulsory Certification) and ISO9001.
- 2.United Kingdom safety glass standard: BS6206 Certificate ;
- 3.European safety glass standard: CE Certificate;
- 4.USA safety glass standard: SGCC Certificate.



### SZG-Strict quality control:

We conduct strict quality inspection after every process and before delivery.





### **Other popular types of insulated glass:**

Clear tempered insulated glass,

low iron insulated glass,

Colored insulated glass.

laminated glass insulated glass,

Reflective insulated glass,

Low E insulated glass,

Heat soaked insulated glass,

Curved tempered insulated glass, etc.