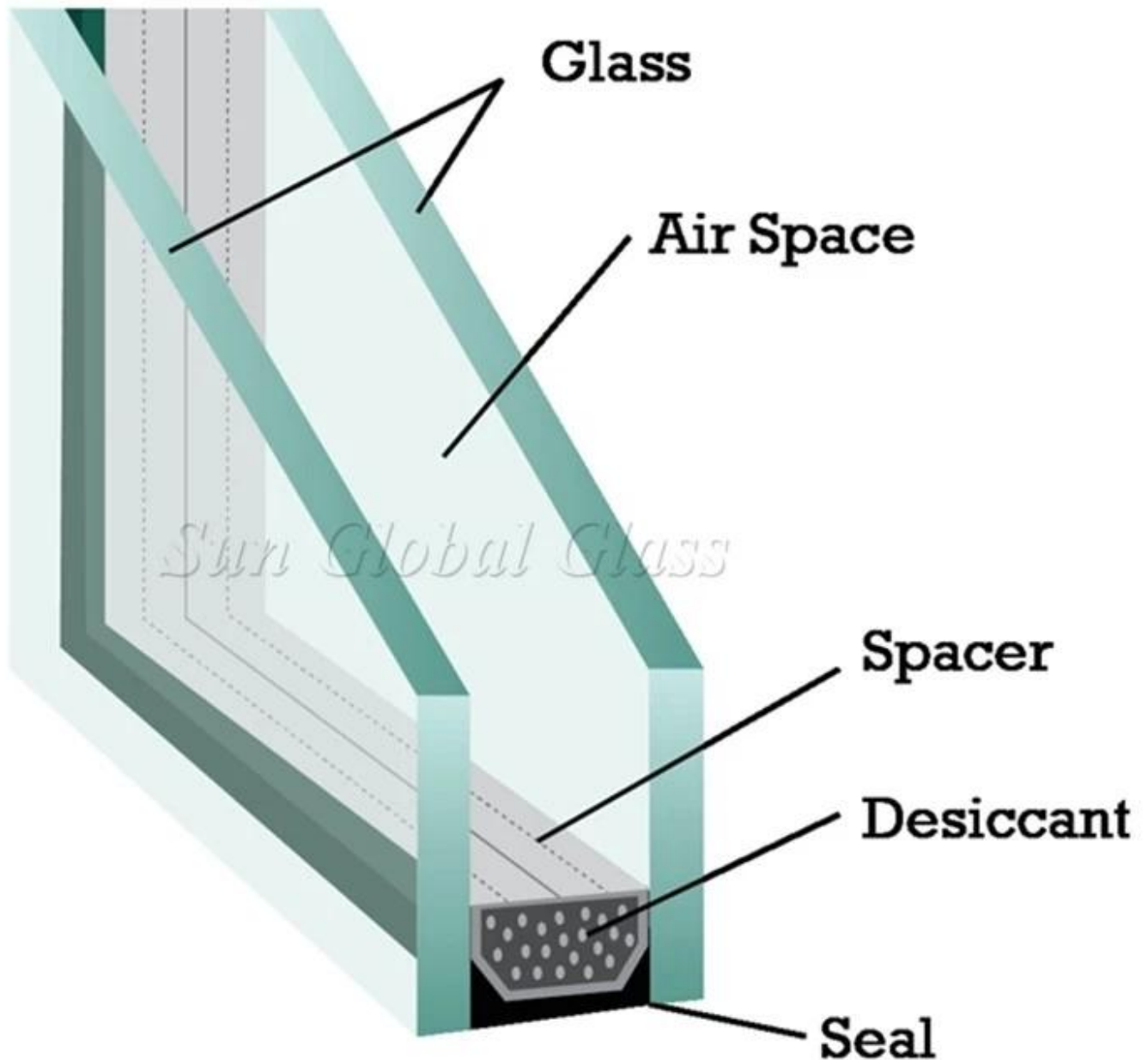
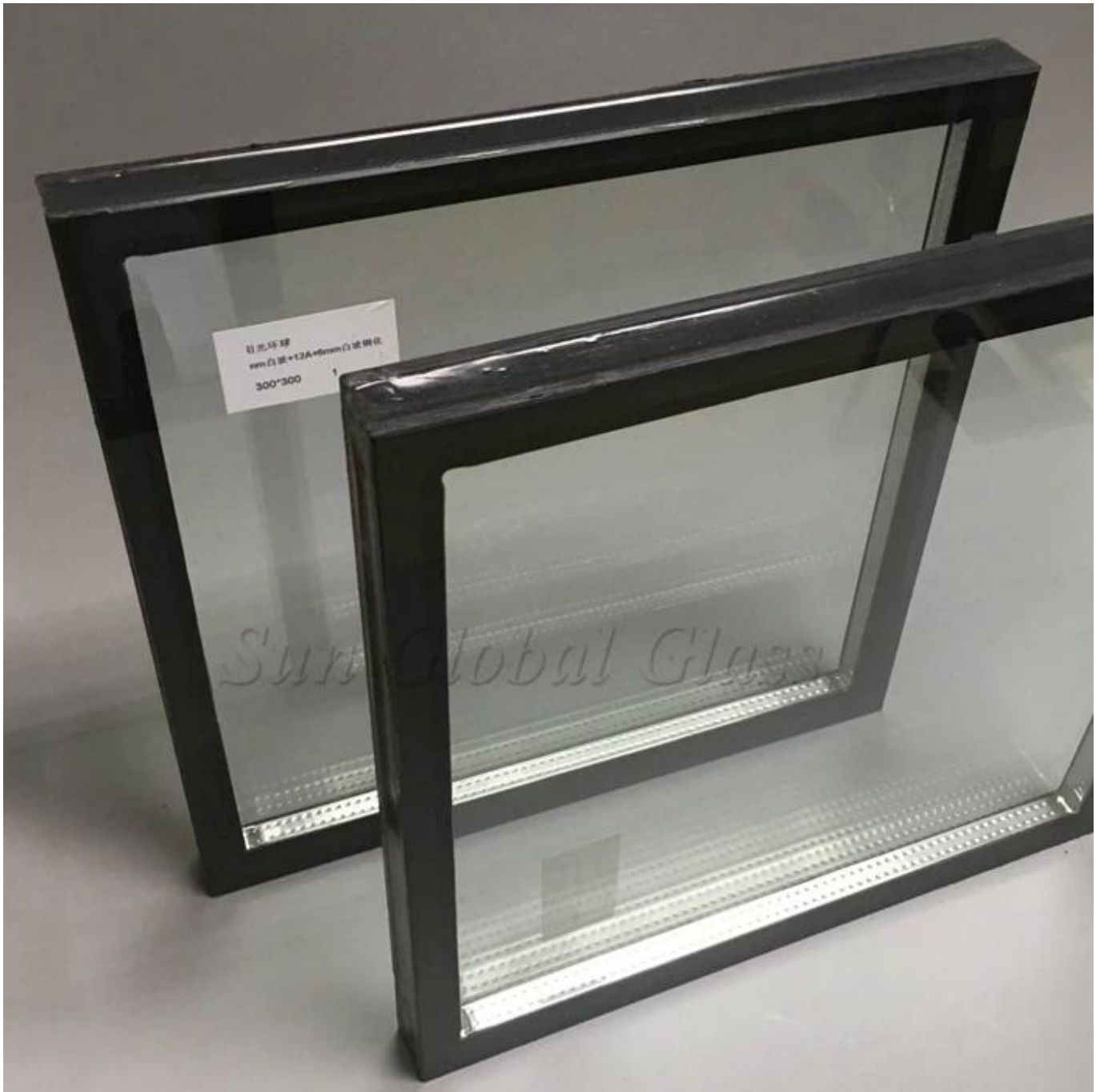


## SZG- Professional Glass Manufacturer-Building Glass- Insulated Glass, Sound Proof Glass, Energy-saving Glass

5mm+5mm clear tempered insulated glass is a kind of safety energy-saving glass. Because it's made by two piece of 5mm clear tempered glass or one piece of [5mm clear toughened glass](#) and another piece of 5mm tempered clear coated glass, or clear low E glass sealed after being surrounded by high-strength and high-density composite adhesive. The middle spacer will be filled with dry argon or dry air and desiccant. The insulated glass has good effects of sound and heat insulation. That's the reason why it's popularly used as curtain wall, glass doors, glass windows, partition wall, etc.





### **Specifications:**

Product name: 5mm+5mm clear tempered insulated glass

Other descriptions: 5mm+5mm clear toughened insulated glass, 5mm+5mm safety insulated glass, 5mm+5mm double glazing, sound proof glass, 5mm+5mm hollow glass, energy-saving glass.

Shape available: flat insulated glass, curved insulated glass

Spacer: Air, argon

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

Thickness of single glass panel: 4mm 5mm 6mm 8mm 10mm 12mm, etc.

Composition: 5mm clear tempered glass + 9A/ 12A/ 15A /20A spacer + 5mm clear tempered glass/ toughened clear low e glass.

Other compositions: Tempered glass+aluminum insulation spacer(with dry gas)+ tempered glass, toughened reflective glass, low E glass, tinted glass, etc.

Available glass colors: Clear, ultra clear, bronze, blue, gray, green, etc.  
Size: Min Size: 180x350mm, Max size: 3300x12000mm, customized sizes

### **Features:**

1. Sound insulation: 5mm+5mm clear toughened insulated glass can block the sound transmission efficiently, it can be used as sound-proof wall.
2. Energy saving: 5mm+5mm tempered insulated glass has a good function of heat insulation.
3. Radiation heat preventing: 5mm+5mm clear coated insulated glass can prevent radiation heat and reduce dizziness of sunset and sunshine.
4. Clear tempered coated insulated glass can keep indoor temperature and humidity constant.
5. Tempered insulated glass is a kind of safety glass. When it's broken, the glass panel will become small cubic pieces and it can reduce injury to people.
6. All processing such as polishing edge, drilling holes, rounding corner, cutout, cutting notches, etc. must be finished before being tempered and insulated.

### **Applications:**

Because of its good functions such as proof noise, security, proof fire, energy saving. Toughened insulating glass is widely used for modern buildings which have requirements for heating, noise insulation, energy saving and etc.

1. Used as window & doors
2. Used as curtain wall and facade of building.
3. Used as partition wall, etc.
4. Used as sound-proof wall to reduce noise pollution

### **Quality Control:**

Insulating glass is usually used for outer building decoration. Due to its optical properties, thermal conductivity, sound insulation coefficient, our Insulated glass is up to following international standards of Europe, North American and China: ISO9001, CCC, CE, BS6206, EN12510, ANSI Z97.

### **Production line:**



**Packing & Loading:**



**S Z G**

Professional glass manufacturer

