

## **SZG 52.52mm low iron laminated insulated glass-Sound Insulation Glass & Heat Proof Glass & Solar Energy Saving Glass**

52.52mm low iron Insulated Glass is made by one panel of 15mm low iron glass and one layer of [17.52mm tempered laminated glass](#), bonded with 20mm aluminum spacer. The aluminium spacer can be filled with air or argon, each edge of IGU (insulated glass units) sealed with high strength sealants that can perfectly avoid vapor water penetrated, the most advantage of insulated glass is reducing thermal losses, lower energy consumption, with the high efficient energy saving and thermal remain, it can save a lot home application consumption. The insulated glass belongs to solar energy glass and use widely in modern buildings.

### **Types of insulated glass:**

1. float insulated glass, use as glass window.
2. Tempered insulated glass and laminated insulated glass, widely used types.
3. Reflective insulated glass, good choice as glass facade or glass curtain wall.
4. Low e insulated glass, best choice for modern building for glass curtain wall, glass facade.

### **Specification of insulated glass:**

Glass thickness: 16mm low iron insulated glass, 18mm low iron insulated glass, 19mm low iron insulated glass, 21mm low iron insulated glass, 22mm low iron insulated glass, 24mm low iron insulated glass, 26mm low iron insulated glass, 27mm low iron insulated glass, 28mm low iron insulated glass, 29mm low iron insulated glass, 30mm low iron insulated glass, 31mm low iron insulated glass, 32mm low iron insulated glass, 35mm low iron insulated glass, 36mm low iron insulated glass, 40mm low iron insulated glass etc

Spacer thickness: 6A spacer insulated glass, 9A spacer insulated glass, 12A spacer insulated glass, 15A spacer insulated glass, 20A spacer insulated glass

Gas: Air gas insulated glass, Argon gas insulated glass

Min size: 200x200mm

Max size: 3300x12000mm

Bicomponent ( structural seal and PIB) for secondary sealant

### **Features of low e insulated glass:**

1. Insulated glass have very good function of energy saving. The window opening is bigger and energy saving effect better.

2. Insulated glass have rich color and good artistic performance, such glass green insulated glass, blue insulated glass, gray insulated glass and printing insulated glass etc.

3. Insulated glass can improve indoor environment. Hollow glass can intercept the sun and prevent the heat caused by radiation discomfort and reduce sunset sun caused dizziness.

4. Insulated glass have good features of sound insulation.

### **Quality:**

Our insulated glass manufacture strictly follow international quality system ISO9001 and passed following quality standards:

1. 25mm insulated glass meet CCC standard(Chinese Safety Glass Compulsory Certification).

2. 25mm insulated glass meet China Insulated glass quality standard GB11944.

3. 25mm insulated glass meet meet European safety glass quality standard EN12150.

### **Application:**

Insulated glass belongs to high performance glass and use widely in modern architecture.

Insulating glass is mainly used for heating, air conditioning, noise or areas that need no direct sunlight or special light,see as below:

1.Glass window, glass door,or glass partition

2.Glass curtain wall,glass facade,glass exterior wall

3.Glass railing,glass balustrade,glass fence

4. Glass roof, glass skylight, glass roof

### **Product Details:**

#### **Product pictures of 52.52mm insulated glass:**





**Production Line:**



**Package and Loading:**







**Our promise is that you receiving 52.52mm insulated glass with high quality and safety condition from us.**