

## **SZG 33.52mm laminated insulated glass manufacture-Sound Insulation Glass & Heat Resistance Glass& Solar Energy Saving Glass-Best China Building Glass Factory**

33.52mm Insulated Glass is made by one panel of [8mm tempered glass](#) and one layer of [13.52mm tempered laminated glass](#), bonded with 12mm aluminum spacer. The aluminum 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 penetration. 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.



## **Specification of insulated glass:**

Glass thickness: 5mm+5mm insulated glass, 6mm+6mm insulated glass, 10mm+10mm 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

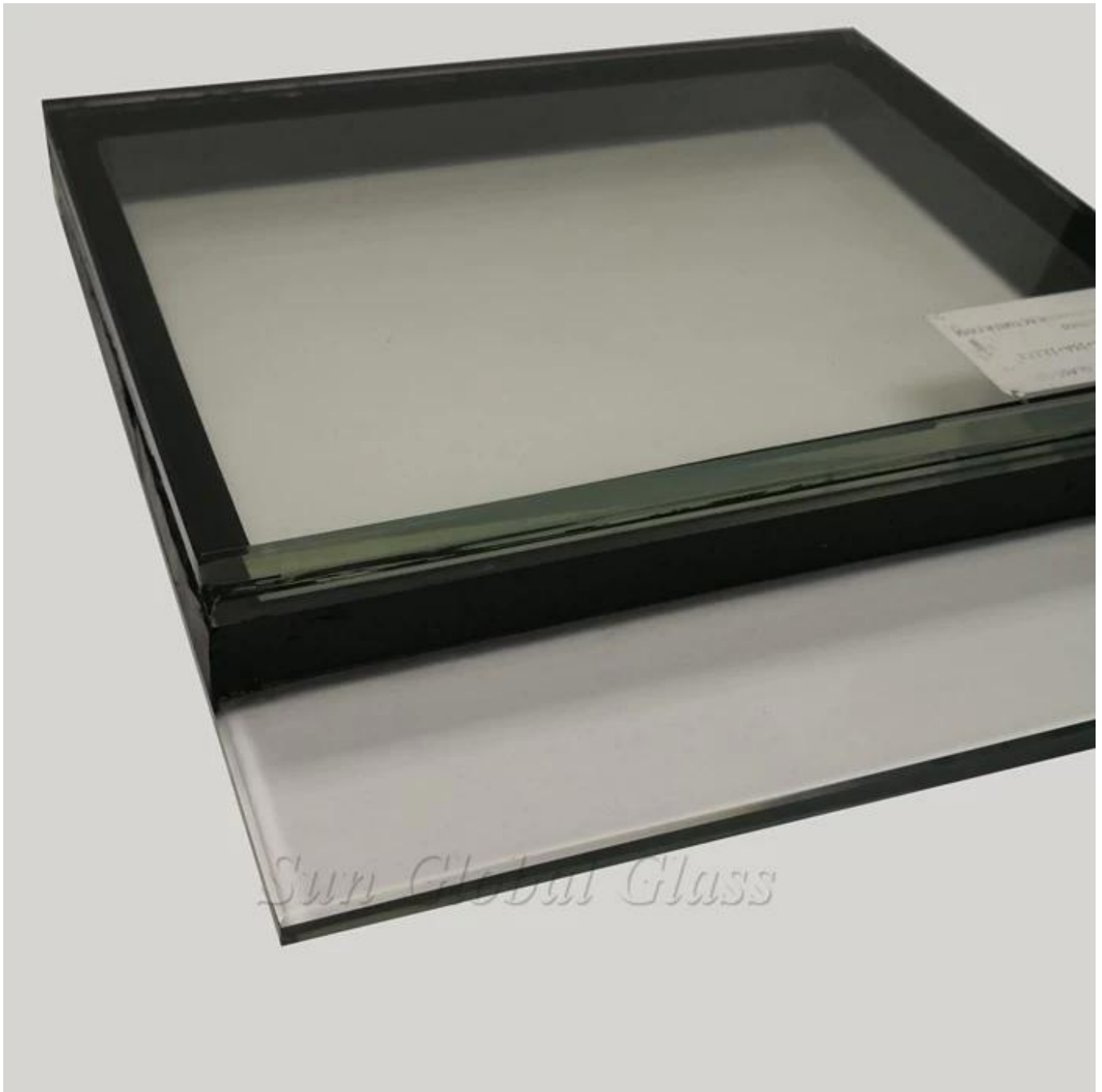
Gas type: Air gas insulated glass, Argon gas insulated glass

Min size: 200x200mm

Max size: 3300x12000mm

Bicomponent (structural seal and PIB) for secondary sealant

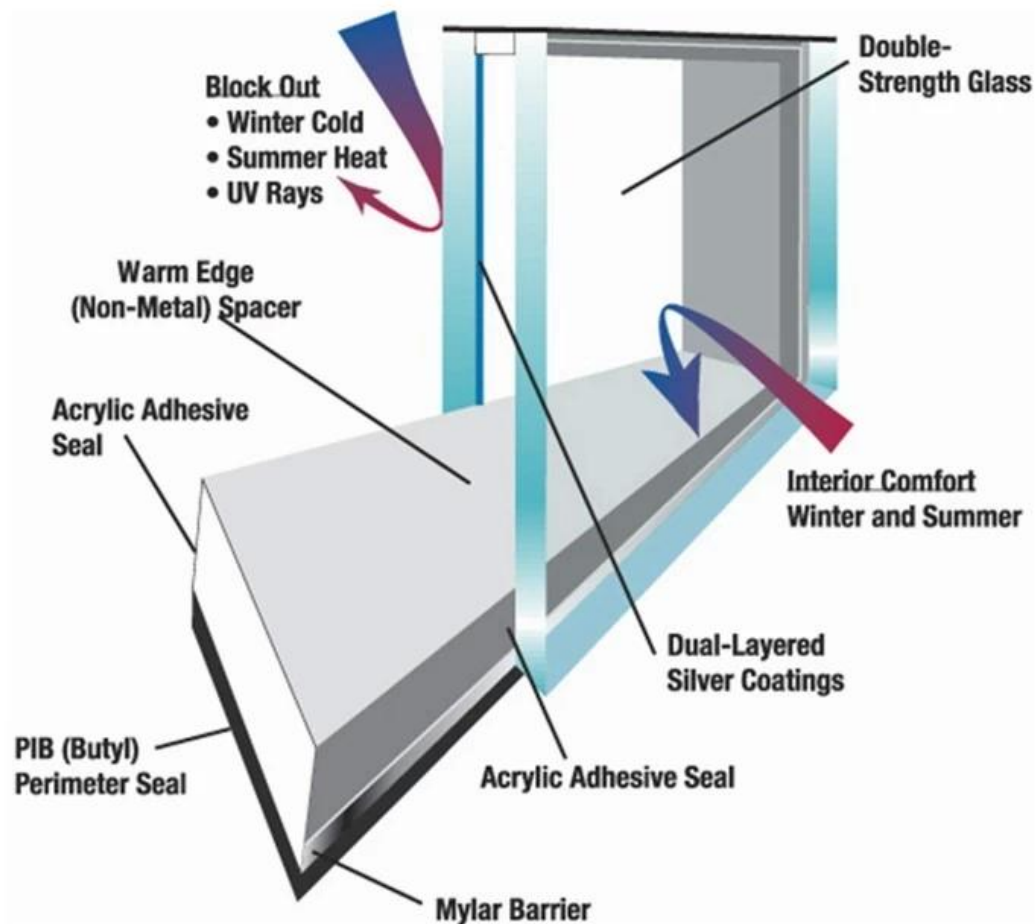
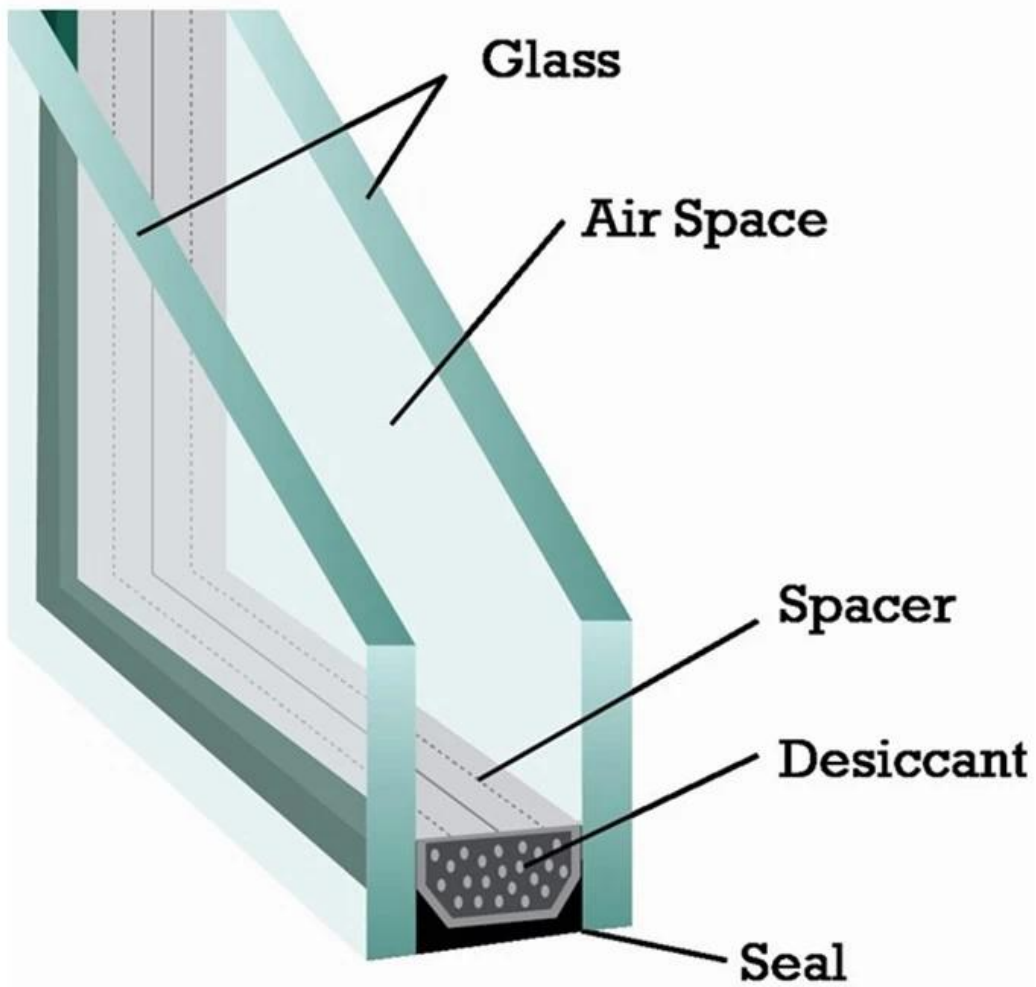
Performance: U value  $\geq 1.0$ ; SC  $\geq 2.0$



### **Features of laminated 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.

5. Laminated insulated glass are safety glass and will be installed to the place considering human safety.



## **Quality:**

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

1. 33.52mm dgu laminated glass meet CCC standard (Chinese Safety Glass Compulsory Certification).
2. 33.52mm dgu laminated glass meet China Insulated glass quality standard GB11944.
3. 33.52mm dgu laminated glass meet European safety glass quality standard EN14449.
4. 33.52mm dgu laminated glass meet American and Canada market safety glass quality standard SGGC.



Insulated glass belongs to high performance glass and is used 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



