

## Bespoke Flat& Curved 18mm Insulated Glass Units-- Energy Saving Building Glass

Insulated Glass Unit (IGU) also referred as Double Glazed Glass (DGU). Sun Global Glass insulating glass units are double sealed with a primary seal of polypropylene and a secondary seal of silicone. To provide a hermetically sealed and dehydrated space, the glass plies are separated by a desiccant-filled spacer with three bent corners and one keyed-soldered corner or four bent corners and one straight butyl injected zinc plated steel straight key joint. The desiccant absorbs the insulating glass unit's internal moisture.

They are effective energy saving & sound isolation functional glass, which have been applied in many places, e.g.: glass curtain wall, glass facade, glass windows, glass sliding doors, glass roofs, etc.

18mm insulated glass units are double sealed with a primary seal of polypropylene and a secondary seal of silicone, two pieces of 6mm tempered glass are separated by 6mm air space (argon or vacuum). The tempered glass can be 6mm thickness full tempered glass or 6mm heat soaked testing glass.



There are variety 6mm toughened glass for options, such as:

1. [6mm safety toughened clear glass](#)
2. 6mm low iron clear tempered glass
3. [6mm reflective glass tempered](#) (6mm euro grey reflective toughened glass, 6mm french green reflective glass tempered, 6mm tempered clear reflective glass, 6mm ford blue reflective toughened glass, etc.)
4. 6mm Low E coating tempered glass
5. 6mm silkscreen glass
6. and so on.

All these above glass can be combined flexibly to achieve a different glass data, to make sure they can meet specific projects' demand.

### **Specification:**

1. Glass product: 18mm tempered insulating glass
2. Glass combination: 2\*6mm tempered glass
3. Spacer thickness: 6mm ( air space, argon or vacuum)
4. Glass substrate: clear toughened glass, low iron tempered glass, reflective tempered glass, Low E tempered glass, silkscreen glass, etc.
5. Production standards: CE EN 1279-5 standard, ISO 9001:2015, CCC, etc.

### **Features:**

1. Tempered insulating glass can have good performance on energy-saving and sound isolation.
2. The desiccant absorbs the insulating glass unit's internal moisture.
3. double seal treatment can offer a long using life time.
4. flexible glass substrates' combination can offer more and more idea for architects, enhance aesthetics of buildings.

### **Advantages about Us:**

1. We have over 20 years production experiences of safety toughened laminated glass. There are advanced production equipment, sophisticated workers, skilled technician team and professional sales teams to

service you, to make sure we can offer you high end quality of glass and pleasant services which are beyond your expectation.

2.Before mass production, we will double check CAD drawings for each glass panel with clients.

3.You can dedicated processing services including: drilled holes, cut notches, silkscreen printing, polished edges, bevelled edges, safety corners, etc.

4.You not only can have full tempered glass, but also can have heat strengthened glass and heat soaked tested glass.

### **Application:**

[Insulating Glass windows](#), insulated glass roofs, double glazing glass skylights, energy saving insulated glass facade, etc.