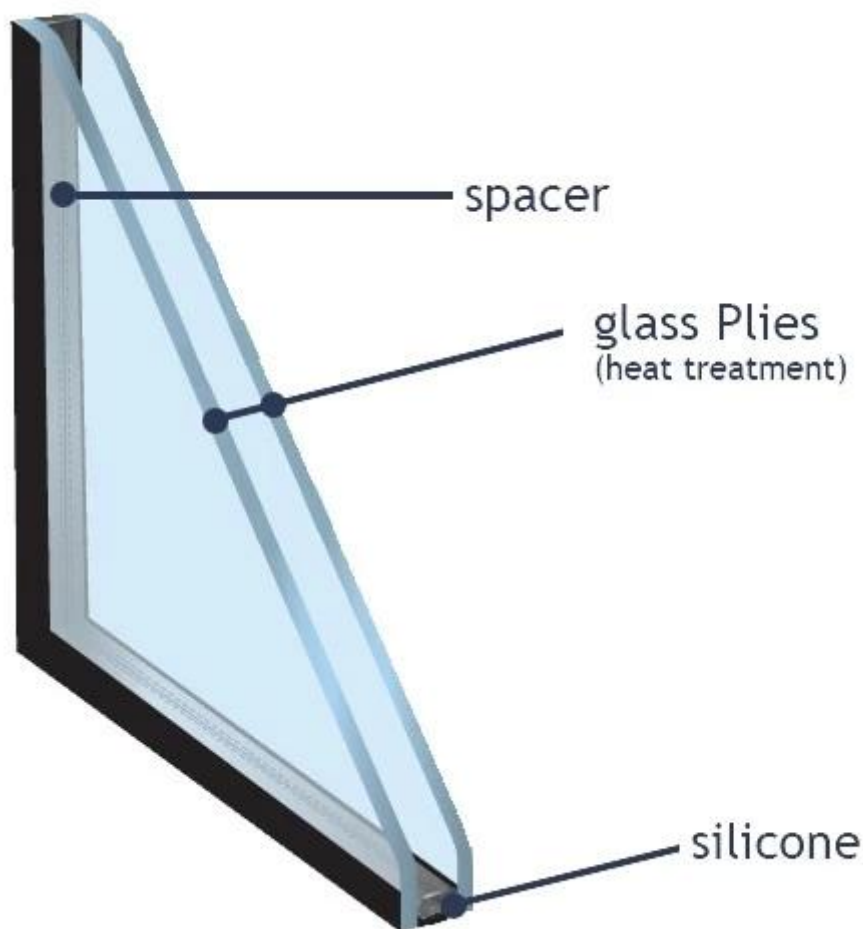


## SGG 6MM+12A+6MM CLEAR TEMPERED INSULATED GLASS- Perfect Glass Facade System materials

**Insulating Glass** also referred to be Insulated Glass, and commonly called as and IGU (Insulated Glass Unit). SGG insulating glass units are hermetically sealed units combining two or more lites of glass which are separated by an air space between, to form a single unit. IGU is the most effective solution to reduce air-to-air heat transfer through the glazing. It can become an effective means to save energy when it works with Low-E or Reflective Glass, and still can comply with building codes. The most common curtain wall system adopts 1/4" glass 1/2" air space 1/4" glass, that is, 6mm glass+12A+6mm glass. Here Sun Global Glass can provide flexible glass options, such as, float glass, tempered glass, low-E tempered glass, laminated glass, etc.



### 6MM clear tempered glass +12A+6MM clear tempered glass Specification:

All IG units fabricated by SGG 24mm thickness insulated glass are dual sealed units utilizing a butyl glue, sulfur glue or structural sealant and a silicone secondary seal. Aromatically sealed in our vertical insulating lines to improve thermal performance and significantly reduces heating and air conditioning costs. Insulated glass also reduces interior condensation in cold climates.

Single Glass thickness	6mm clear tempered glass
Spacer thickness	6A, 9A, 12A, 15A, 20A
Gas in Spacer	Air, Argon
Glass thickness options	5mm/ 6mm/8mm/10mm/12mm, etc
Other glass options	Low-E tempered glass, ultra clear glass,, tinted glass, reflective glass
Insulated glass size	1.Max: 2700x3700mm 2.Min:180x350mm 3.Custom sizes
Other Insulated glass composition options	1.Clear tempered glass+ Low e tempered glass 2.Clear tempered glass+Reflective tempered glass 3.Or customized composition based on requirements.

### Features:

- 1.High performance on energy saving, to reduce thermal losses and the best solution to improve the energy efficiency for a window or facade, etc.
- 2.Perfect transparency, IGU still allows max light transmittance.
- 3.Excellent Soundproof effect

### Applications:

Butyl glue insulated glass are used outside, and Sulfur glue insulated glass are used inside.

#### 1.Outside usage:

- curtain wall glass
- Glass facade,etc

#### 2.Inside usage:

- Double glazing units window glass pane
- Double glazing glass partition, etc.

### SGG IG units Quality Standard:

1. comply with EN12150 European tempered glass standard
2. comply with ASTM1048 American Standard
3. conform with GB 9963-1998 Tempered Glass Standard
4. conform with GB 17981-1999 Chinese Standard Tempered and Heat-Strengthened Glass
5. Comply with Chinese Safety Glass Compulsory Certification (CCC), IGCC, CSI.

### Product Details:

## **Product pictures of SGG 6MM+12A+6MM CLEAR TEMPERED INSULATED GLASS**



**Clear Toughened Double Glazing Units Production Line:**



**Our promise is that you receiving 6 12 6 Clear Toughened Insulating Glass Unit with high quality and safety condition from us.**