

SZG Professional building glass manufacturer in China--35.28mm clear insulated glass(11.14 tempered laminated glass+15mm spacer+9.14 tempered laminated glass)

Insulating glass (also referred to as insulated glass) refers to two or more pieces of glass sealed around the edges with an air space between, to form a single unit. Commonly referred to as an “IG unit,” insulating glass is the most effective way to reduce air-to-air heat transfer through the glazing. When used in conjunction with low-E and / or reflective glass coatings, IG units become an effective means to conserve energy and comply with building codes.

35.28mm Insulated glass specifications:

It is including [11.14 tempered laminated glass](#) (5mm clear tempered glass+1.14mm PVB+5mm clear tempered glass), 15mm spacer and 9.14mm tempered laminated glass(4mm clear tempered glass+1.14mm PVB+[4mm clear tempered glass](#)). The combination of laminated glass and insulating glass, will make glass sound insulation more effective, while the safety factor is relatively high. Insulated glass are available in a wide choice of glass thicknesses and glass types. These are available in a range of colours and varying widths as well as for specialist applications.

Name	35.28mm clear tempered insulated 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
Other Insulated glass composition options	Customized composition based on requirements

Features:

1.Sound Insulation:

Air inside the IG will prevent the resonance from passing through. For example, buildings near airports, railway stations, and main roads are constructed using IG to prevent noise from entering the building.

2.Reduced Condensation:

IGU reduces the likelihood of condensation forming by providing a thermal barrier between the inside and the outside.

3.Perfect Transparency:

Insulated glass units help in reducing the incidence of condensation on the warm air side and bring about transparency. For example, insulated glass is used in soft drink chillers in retail stores, airports, etc.

4.Reduced Condensation:

IGU reduces the likelihood of condensation forming by providing a thermal barrier between the inside and the outside.

Applications of IGU:

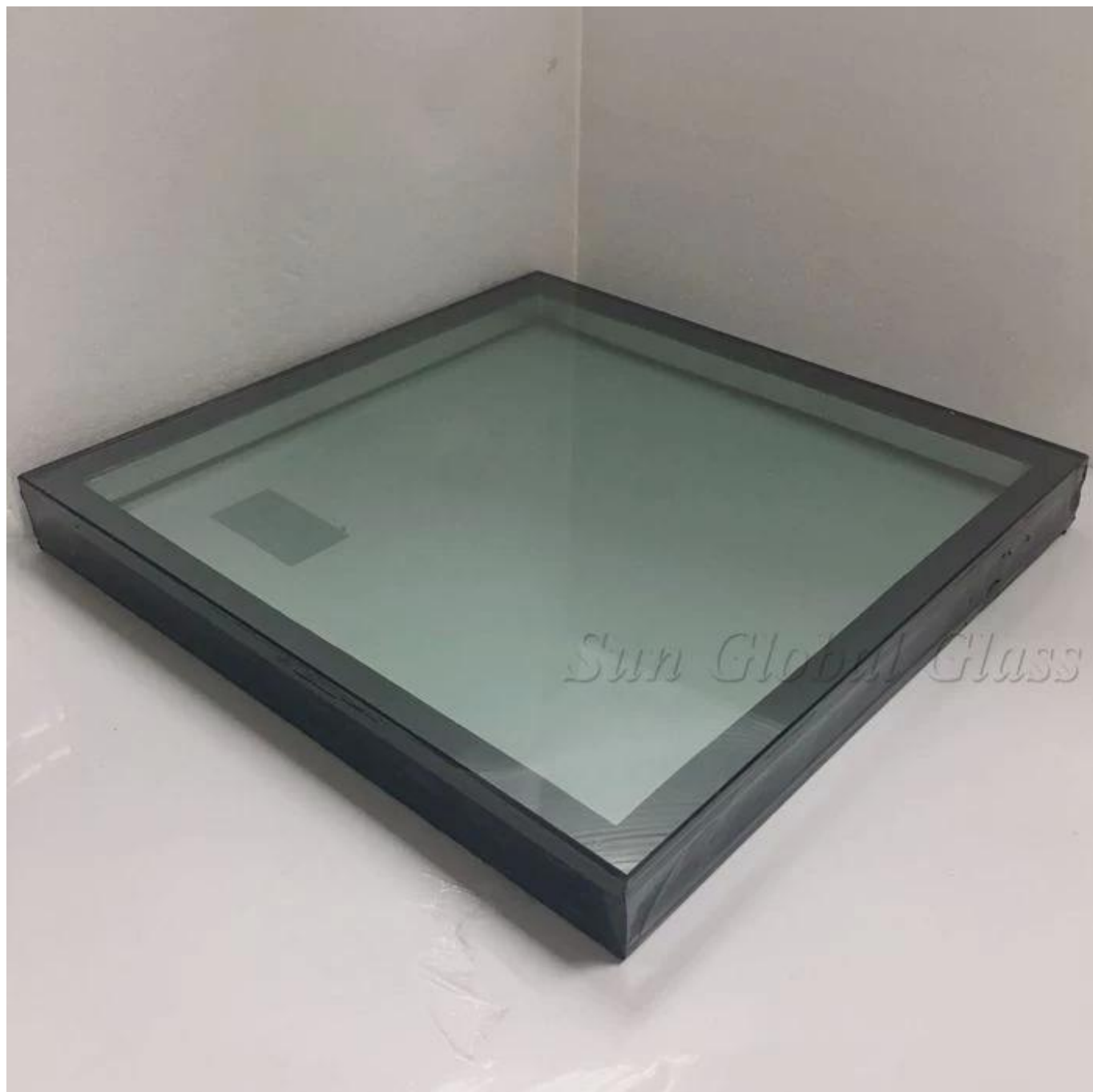
Insulating glass (IG) units are used in a wide range of applications including:

Commercial/Residential Fixed and Operable windows
Curtain Walls
Storefronts
Sloped/Overhead Glazing

SZG 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 image:



Production line image:



Package image:



Any inquiry for building glass,architectural glass are welcomed.