

SZG Professional building glass manufacturer in China- -8mm+12A+8mm tempered glass and silk screen printing glass for glass partition

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.

Silk-screen printed glass is a special kind of decorative glass made by printing a layer of ceramic ink on the surface of glass through the screen mesh for tempering or heat-strengthening process after. As a result silk-screen printed glass is durable, scratch-proof, solar shading and with anti-glare effect. Its acid and moisture resistant features maintain colors for decades, whereas various color and graphic choices are an option. The tempered silk-screen printed glass has safety glass properties.

Insulated glass specifications:

It is including [8mm extra clear tempered glass](#), 12mm spacer and [8mm silk screen printing glass](#). The combination of silk screen printing 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. In modern architecture, glass is increasingly used as a decorative material. This is possible due to the fact that additional elements can be attached to it. There is no end to the possibilities of patterns and colours with regard to silk-screen printing, which enables a perfect application to the expectations of clients. The realization of an individual pattern, both in the form of pictures and graphics, allows the creation of an unrepeatable composition

Single Glass thickness: 8mm ultra clear tempered glass and 8mm silk screen printing glass

Spacer thickness: 20A, 15A, 12A, 9A, 6A

Gas in Spacer: Air or Argon

Glass thickness options: 5mm/ 6mm/8mm/10mm/12mm, etc

Other glass options: Low-E tempered glass, frosted glass, tinted glass, reflective glass, patterned glass

Size: Customized

Other Insulated glass composition options: customized composition based on requirements.

Features:

1.Reduced Condensation and color range:

IGU reduces the likelihood of condensation forming by providing a thermal barrier between the inside and the outside. provide all colors from Pantone and RAL charts

2.Perfect Transparency and printing size:

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. any pattern size, logo placement, or full size printing, only need to provide CAD drawings.

3.Sound Insulation and color fastness:

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. toughened glass process to make pattern color extremely resistant to scratch, acid, and alkaline, the printing on glass will not fade forever.

4.Reduced Condensation and high pixel:

IGU reduces the likelihood of condensation forming by providing a thermal barrier between the inside and the outside. High pixel that highest close to pantone & RAL colors to ensure customer satisfied

Applications of IGU:

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

Silk screen printing Insulating glass used for commercial/residential fixed and operable windows

Silk screen printing Insulating glass used for curtain walls

Silk screen printing Insulating glass used for storefronts

Silk screen printing Insulating glass used for sloped/overhead glazing

Silk screen printing Insulating glass used for non-vision (spandrel) locations

SZG IG with silk screen printing glass units quality standard:

1. Conform with GB 9963-1998 Tempered Glass Standard
2. Conform with GB 17981-1999 Chinese Standard Tempered and Heat-Strengthened Glass
3. Comply with Chinese Safety Glass Compulsory Certification (CCC), IGCC, CSI.
4. Comply with BS 6206 UK safety glass standard.
5. Comply with EN12150 European tempered glass standard
6. Comply with ASTM1048 American Standard

Product image:



Production line image:



Package image:



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