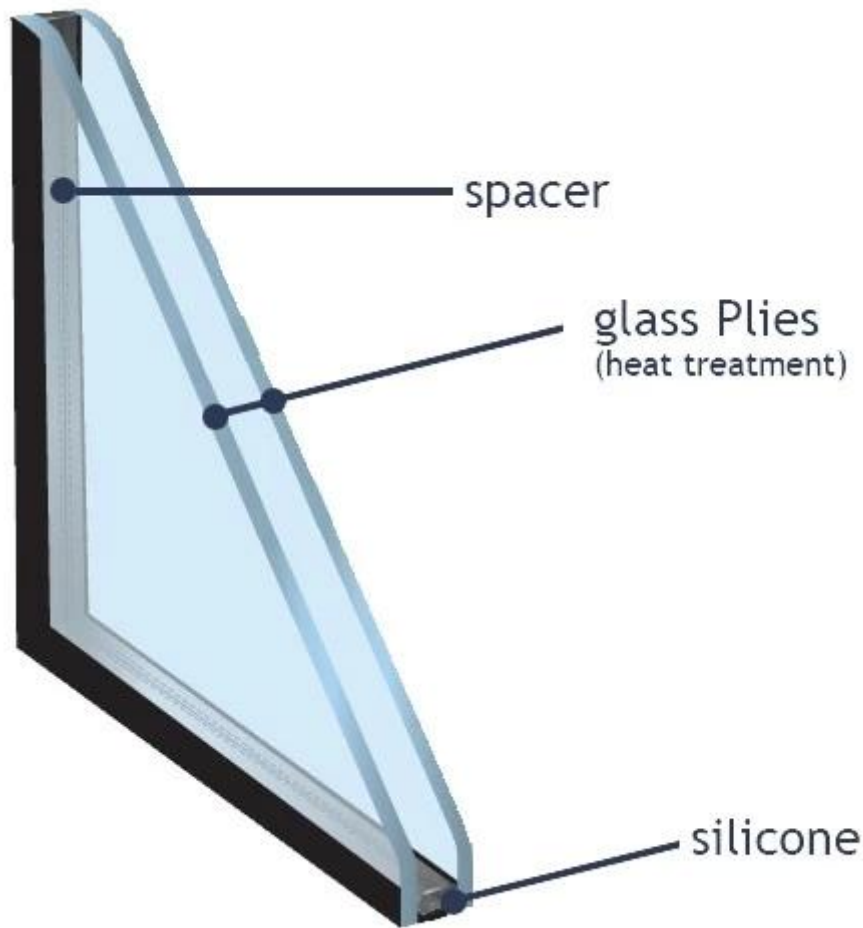


## SGG 5mm+12A+5mm insulated glass - Perfect Glass Facade System materials

**5mm+12A+5mm insulated glass** also called 5mm+12A+5mm hollow glass, 5mm+12A+5mm insulated glass unit (IGU), 5mm+5mm insulated glazing units, 5mm+12A+5mm hollow glass, 5mm+5mm sound-proof glass, sound insulating glazing, sound control glass, 5mm+5mm double insulated glass, etc. It can be made by two pieces of 5mm clear glass sheets or one piece of 5mm clear glass sheet or [5mm clear tempered glass sheet](#) and another piece of coated glass, such as [5mm reflective glass](#), [5mm low E glass](#) and so on, two pieces of 5mm glass sealed after being surrounded by high-strength and high-density composite adhesive, . The middle spacer will be filled with dry gas like air, argon and desiccant to ensure that the gas in spacer is dryness. Because of the feature of sound-proof and energy-saving, 5mm+12A+5mm insulated glass is widely used as curtain wall, sound control wall, windows and doors.





**5mm+12A+5mm insulated glass Specification:**

All IG units fabricated by SGG 22mm 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	5mm 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, etc
Insulated glass size	1.Max: 2700x3700mm 2.Min:180x350mm 3.Customized sizes
Other Insulated glass composition options	1.Clear glass+ Low e tempered glass 2.Clear tempered glass+Reflective tempered glass 3.Or customized composition according to demands.

**Features:**

1. Sound-proof: 5mm+12A+5mm insulated glass can block the sound transmission efficiently. Due to this feature, it's widely used as sound-proof wall.
2. Energy saving: 5mm+12A+5mm insulated glass has a good function of heat saving.
3. Radiation heat preventing: 5mm+12A+5mm insulated glass can prevent radiation heat, reduce dizziness of sunset and sunshine.
4. 5mm+12A+5mm insulated glass can be produced by any types of colored glass and the colored insulated glass to achieve artistic effect.
5. Optical performance: 5mm+12A+5mm insulated glass can keep indoor temperature and humidity constant.

**Applications:**

Reasonable structure and design to meet the standards of insulated glass, As hollow glass have good insulation function(such as proof noise, security, proof fire). Insulating glass is widely used for buildings that have requirement for heating, air conditioning, noise or condensation protection and avoid from direct sunlight and special light radiation.

- 1.Can be used as window & doors
- 2.Can be used as partition wall
- 3.Can be used as buildings curtain wall and facade
- 4.Can be used as sound-proof wall to reduce noise pollution

**SGG 5mm+12A+5mm insulated glass Quality Standard:**

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

**Production Line:**



**Packing and loading:**



**Our projet:**



Philippines  
Avida Centera  
in 2014



**We promise that you will receive 5mm+12A+5mm insulated glass with high quality and safety condition from us.**