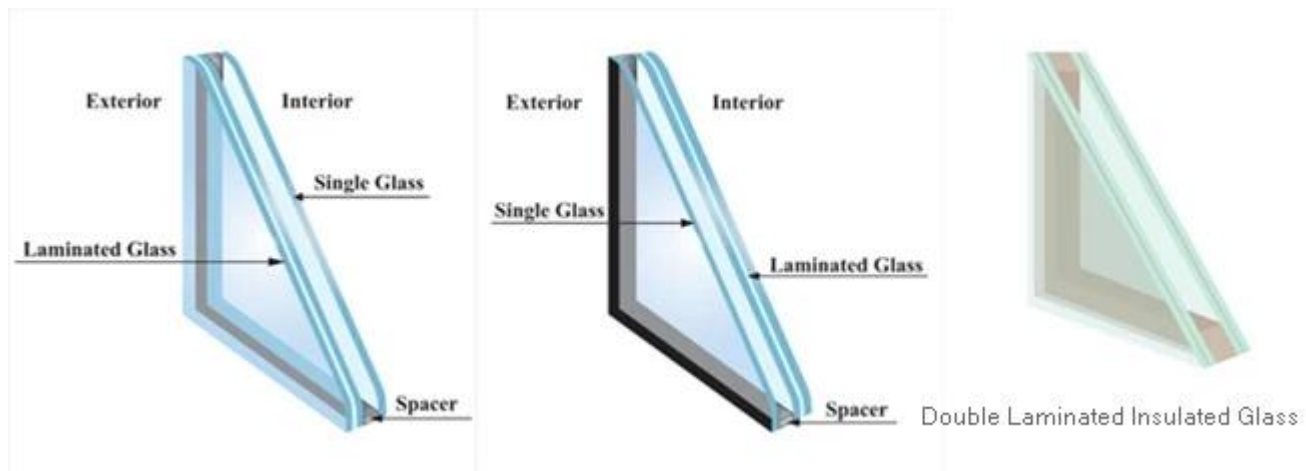


# China customized laminated insulated safety glass manufacturer

## Introduction

Laminated insulated glass, also call safety insulated glass, laminated double glazing, it can be one side laminated insulating glass, also can be double laminated insulated glass. For the one side laminated insulated glass, it is one piece monolithic glass and one piece [laminated glass](#) separated by an aluminum spacer. For the double laminating insulated glass, it is two pieces laminated glass separated by an aluminum spacer. The airspace between the aluminum spacer is filled with dry air or noble gas like Argon, to slow the heat exchange and reduce noise levels. The laminated glass is high safety glass, and the insulating glass is perfect for energy efficient, so combine them together, can match any architectural requirement.



## Feature

- High safety. The laminated insulated safety glass has all the characteristics of laminated glass, can weaken outside attacked force, to reduce the broken risk. And if install the laminated glass surface at the exterior, even the glass is broken at the high rise, the broken pieces will stick on the interlayer (PVB/SGP/EVA), won't fall down to hurt human.
- Energy efficient. The airspace of the safety insulating glass units can reduce the heat transfer coefficient, so it can make interior cooler in the summer, and warmer in the winter, which can help us save a lot of air conditioner cost.
- Sound insulation. Both the airspace of insulated glass and interlayer of laminated glass, can block sound waves, so the laminated insulated glass is a perfect material for soundproof.

## Specification

- Size: Max 2500x4000mm, any customized size could be cut
  - Monolithic glass thickness: 3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm, etc.
  - Laminated glass thickness: 6.38mm, 8.38mm, 10.38mm, 12.76mm, 13.52m, 17.52mm, 21.52mm, can be produced as per customer's design
  - Aluminum spacer thickness: 6mm, 9mm, 12mm, 15mm, 18mm, etc.
- Spacer Fill: Dry Air, noble gas like Argon, etc.
- Color: Clear, bronze, blue, green, grey, yellow, red, black, any color is available
  - Glass type: clear laminated insulated safety glass, color laminated insulated glass, reflective laminated insulated glass, low-e laminated insulated glass, curved laminated insulated glass, bent safety insulated glass, etc



**Application**

The safety insulating glass is traditionally used at office buildings, Hospitals, Hotels, Houses and those buildings where large amount of heating or cooling is required, used as safety insulated glass exterior wall, high rise office building [curtain wall glass](#), UPVC window insulated glass, heat control skylight glazing, [roof safety glass](#), etc.

