

## **SZG-Glass Manufacturer-Building Glass- Low Iron Tempered Laminated Glass For Skylight/Roof/Canopy-CE & SGCC Certified**

**21.52mm low iron tempered laminated glass** is a type of safety glass. It's combined by two pieces of 10mm low iron tempered glass (ultra clear toughened glass) inserted by 1.52mm PVB interlayer. After heating and high pressure in the high-pressure autoclave, the two pieces of glass panels are tightly glued together by the PVB film. 21.52mm low iron tempered laminated glass also called 21.52mm ultra clear tempered laminated glass, ultra clear sandwich glass, 1010.4 low iron tempered laminated glass, 10mm+10mm ultra clear laminated safety glass, 10mm+10mm ultra clear ESG VSG, etc. It's widely used in modern buildings, especially curtain wall, windows, doors, skylight, roof, etc..

### **Notice:**

All processes such as drilling holes, polishing edge, rounding corners, cutouts, cutting notches, etc. must be finished before being tempered and then laminated.

### **Skylight projects:**











**Images of 21.52mm low iron tempered laminated glass:**



### **Specifications:**

Product Name: 21.52mm tempered laminated glass skylight.

Combinations: 10mm low iron tempered glass+ 1.52 PVB+ 10mm low iron tempered glass.

Interlayer thickness: 0.38mm, 0.76mm, 1.14mm, 1.52mm, 2.28mm, etc.

Size: Customized sizes.

Maximum Size: 3.3M\*12M.

### **Advantages of low iron toughened laminated glass:**

- 1.High Strength: 21.52mm low iron tempered laminated glass is 4-5 times harder than 21.52mm annealed laminated glass.
- 2.Safety: The debris will still stick to the film and won't fall off when the ultra clear tempered laminated glass panel is broken.
- 3.The low iron (ultra clear) tempered laminated glass can reduce the transmission of sunshine and ultraviolet light.
- 4.Jumbo sizes are available.
5. High transparency, the indoor would be bright with ultra clear tempered laminated glass skylight/roof.

### **Production equipments:**





**Material Storage Area**



**Cutting Machine**



**Edgeworks**



**Drilling Machine**



**Washing Machine**



**Tempering Furnace**



**Merging Room**



**Autoclave**



**LED Lighting Detection**



**Packing & Loading**

## **Quality Standards:**

The 21.52mm tempered laminated glass produced by Shenzhen Sun Global Glass CO., LTD meets the following quality standards:

- 1.CCC standard(Chinese Safety Glass Compulsory Certification) and ISO9001.
- 2.United Kingdom safety glass standard: BS6206 Certificate ;
- 3.European safety glass standard: Certificate EN 14449;
- 4.USA safety glass standard: SGCC Certificate.







**Safety Packing & Loading:**

