

## **SGG 5mm+1.52mm PVB+5mm silk screen tempered laminated glass supplier and manufacturer in China**

5mm+1.52mm PVB+5mm silk screen tempered laminated glass also known as silk screen printing toughened laminated safety glass, is a kind of laminated glass, which is made of two layers of [5mm clear float glass](#) after screen and tempering process. The middle layer is mostly PVB film, after heating, high-pressure special process, the two layers of 5mm silk screen glass adhesion together is safety glass. With the process of lamination, the glass is super strong and high protective against breakage.

### **Type of laminated glass:**

1. EVA film laminated glass, EVA film laminated glass are used indoor decoration, the adhesive of EVA is not very strong, can not be used outside.
2. PVB film laminated glass, the PVB film laminated glass are used most widely compared other laminated glass, due to have very good function of adhesiveness and the price is very competitive.
3. SGP laminated glass, the SGP laminated glass are used as hurricane proof glass, the SGP glass have very strong adhesiveness, also can be used the area need strong bonding.

### **Features:**

1. Safe glass function: 5mm+1.52mm PVB+5mm silk screen tempered laminated glass, have the function of tempered glass, the glass break into small granular and bond with PVB film, will not fall down to ground. It is the most safety glass at present for modern building.
2. Sound Proof: The density of PVB or SGP/EVA film are different with glass and can stop sound transmission in some degree.
3. UV rays reduction: Toughened laminated glass reduces the penetration of UV rays.
4. Fire resistance: The toughened laminated glass can protect buildings against fire.
5. Energy saving: toughened laminated glass can make light through at the same time reduce heat transmission. Especially the laminated glass is consisted with reflective glass or low e glass.
6. Decoration: glass panels are classic material, with different inter-layers are real eye-catching. The toughened laminated glass can be produced with silk, metal, feathers, grass, transparent, semi-transparent or opaque films, or printing pictures.

### **Applications:**

1. Aquarium observation window glass
2. Ship observation window glass
3. Underwater world window glass
4. Shower door glass

- 5. Canopy glass
- 6. Curtain wall glass
- 7. Roof glass

### **Specifications:**

Maximum size: 8000 mm length

Thickness range: 4mm to 65mm thickness, 5mm+5mm, 6mm+6mm, 8mm+8mm, 10mm+10mm, 12mm+12mm etc.

Color range: transparent, semi-transparent, any color based on customers' requirement.

### **Details processing:**

5mm+1.52mm PVB+5mm silk screen tempered laminated glass can be processed accurately with polished edges, safety corner, drilling holes, cut outs to assemble with different types of accessories.

1.Laminated tempered glass belongs to interior stress glass.Before make lamination process, the glass need to cut in the molding, drilling and milling.

2.After finish production of laminated glass, the glass can not be cut any more, because it will lead to burst.

3.The edges of laminated tempered glass is concentration stress,need to be well protected, can not use sharp, hard objects to hit the edge of the glass, or easy to make the glass burst.

### **Quality Certificates:**

- 1. Chinese standard ISO9001 and CCC
- 2. Europe standard EN12543, E12510
- 3. British standard BS6206
- 4. North American standard ANSI Z97.1

### **Picture details of 5mm+1.52mm PVB+5mm silk screen tempered laminated glass:**

**Product image:**



**Breakage of Silk screen toughened laminated glass:**





annealed glass

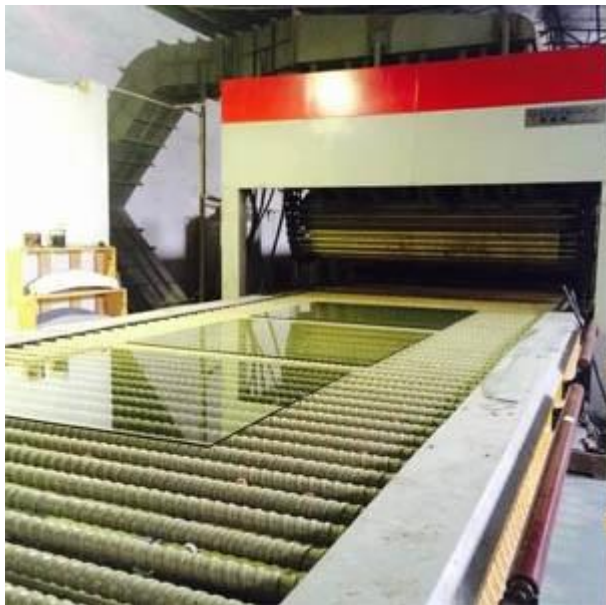


tempered glass



tempered laminated glass

### Production Line:





**Package:**





