

## **SGG 6mm+6mm tempered laminated safety glass- building glass manufacturers**

**6mm+6mm tempered laminated safety glass** also known as toughened laminated safety glass, is a kind of laminated glass, which is made of two layers of **6mm clear float glass** after tempering process. The middle layer is mostly PVB film, after heating, high-pressure special process, the two layers of 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 normally use as indoor decoration with richful design and colors, the adhesive of EVA is not strong and can not use outside.
2. PVB film laminated glass, PVB film laminated glass use most widely compared with other types laminated glass. Due to have good function of adhesiveness and its price is not high.
3. SGP laminated glass, SGP laminated glass use as hurricane resistance glass. The SGP glass have strong adhesiveness and can be used the area which need strong bonding.

### **Features:**

1. Safety: 6mm+6mm tempered laminated safety glass have the function of tempered glass and laminated glass. The glass will not fall down and break into small granular and bond by film. Tempered laminated glass is the most safety glass for building at present.
2. Sound Proof: The density of PVB/SGP/EVA film are different with glass and the film can stop sound transmission in some degree.
3. UV rays resistance: Toughened laminated glass reduces the penetration of UV rays.
4. Fire resistance: Toughened laminated glass can protect buildings against fire in some degree.
5. Energy saving: Toughened laminated glass can make light through and reduce heat transmission, especially consisted with reflective glass or low e glass.

### **Applications:**

1. Door or shower door glass
2. Curtain wall glass
3. Railing glass
4. Roof glass

### **Specifications:**

Maximum size: 8000 mm length

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

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

### **Details processing:**

6mm+6mm tempered laminated safety 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:**

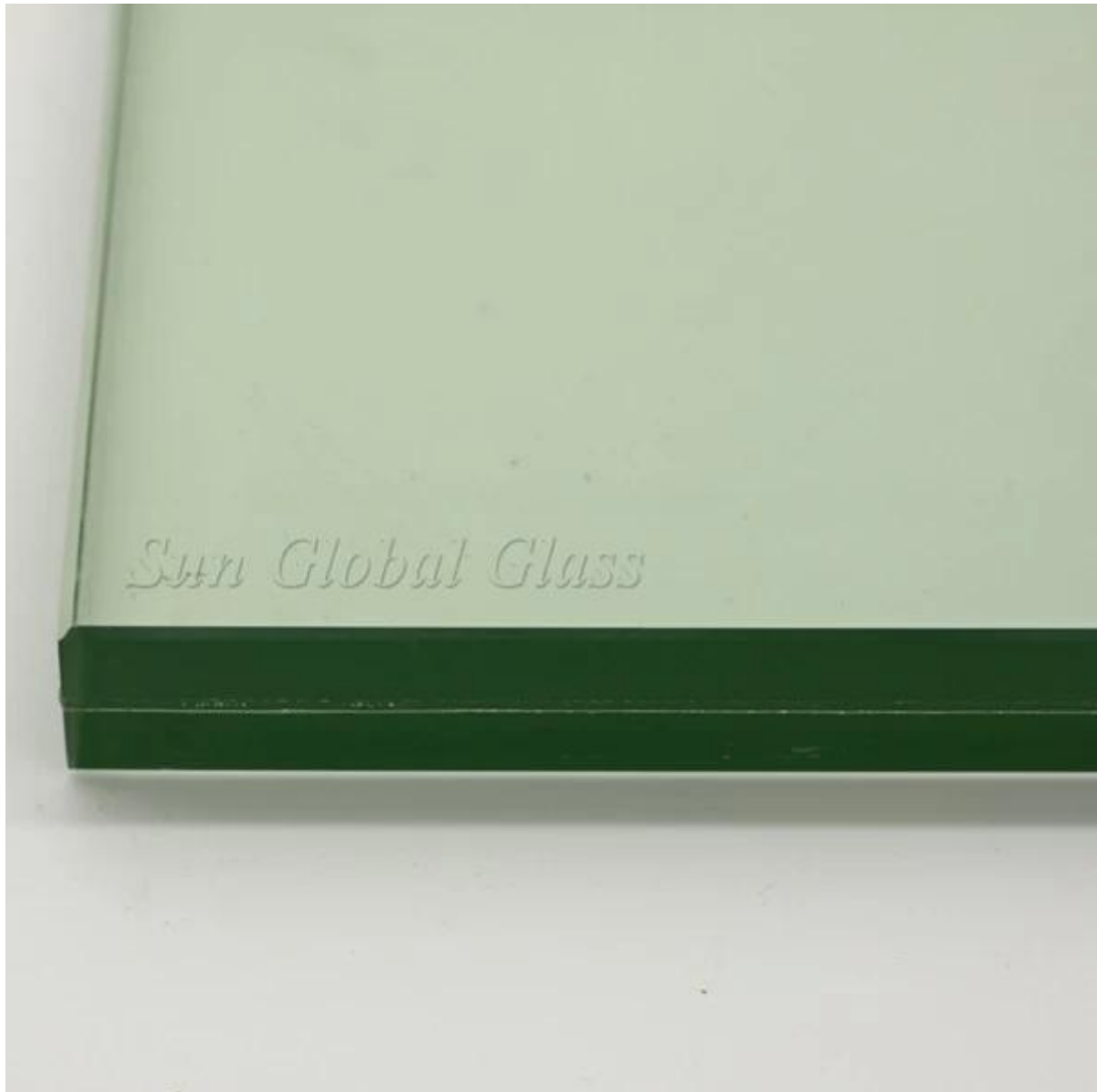
1. 6mm+6mm tempered laminated safety glass meet Chinese standard ISO9001 and CCC

2. 6mm+6mm tempered laminated safety glass meet Europe standard EN12543, E12510

3. 6mm+6mm tempered laminated safety glass meet British standard BS6206

### **Picture details of 6mm+6mm tempered laminated safety glass:**

**Product image:**



**Breakage of toughened laminated glass:**



annealed glass

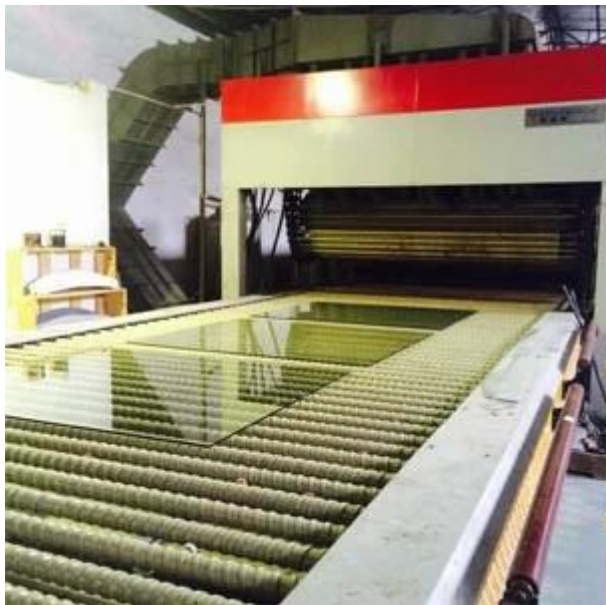


tempered glass



tempered laminated glass

### Production Line:







**Package:**



