

## **SGG 13.14mm light grey laminated tempered glass- building glass manufacturers**

**13.14mm light grey laminated tempered glass** is also called safety glass or security glass. When it broken, the debris still stick to the film and won't fall off, the whole glass is still in complete shape to offer protection before replacement. So that it can reduce people injury from glass breakage efficiently. It's made of two pieces of 6mm light grey tempered glass sheets inserted by PVB of 1.14mm thickness. After heating and high pressure, both of the glass sheets are tightly together by PVB film. 13.14mm light grey laminated tempered glass is more stronger than ordinary 13.14mm light grey laminated glass without tempering.

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

1. EVA film laminated glass, This type of laminated glass use as indoor decoration with richful design and colors, the adhesive of EVA laminated is not very strong and can not use outside.
2. PVB film laminated glass, This type laminated glass use most widely compared with other types laminated glass. Because PVB laminated glass have good function of adhesiveness and its price is not high compared with SGP laminated glass.
3. SGP laminated glass, SGP laminated glass use as hurricane resistance glass. The SGP glass have very strong adhesiveness and can be used the area which need strong bonding.

### **Features:**

**1.Safety function:** 13.14mm light grey laminated tempered glass have both the functions of tempered glass and laminated glass, When it broken, the debris still stick to the film and won't fall off, the whole glass is still in complete shape to offer protection before replacement.

**2.Sound proof,** because the PVB membrane can block the sound transmission efficiently, the laminated glass can reduce the noise.

**3.Optical performance:** can reduce the transmission of sunshine and lower the temperature.

**4.Shock resistance:** can be extended to application of bulletproof glass, and explosion proof glass to prevent bullet, bomb and violent force, etc.

**5. Processing:** Laminated tempered glass belongs to interior stress glass. Before make lamination process, the processing such as edge grinding, holes drilling, corner cutting etc. should be finished before tempering.

### **Applications:**

1. Used as glass door, floor, staircase, Curtain wall glass
2. Used as glass railings, fence, facade, canopy

3.Can be made of insulated glass for other applications.

### **Specifications:**

**Glass name:** 13.14mm light grey laminated tempered glass

**Other name:** 13.14mm light grey toughened laminated glass; 6mm+6mm Euro grey toughened sandwich glass ;6+1.14+6 PVB light grey laminated tempered glass

**Thickness of single glass:** 4mm, 5mm, 6mm, 8mm, 10mm, 12mm, 15mm, 19mm

**Maximum Size:** 3M\*12M

**Interlayer material:** PVB or SGP or EVA

**Package:** Exportation wooden crates

**Available glass colors :** clear, ultra clear, acid etched, tinted colors, printed colors

**Available PVB color :** transparent, semi-transparent, white, milk white, other pantone colors

### **Details processing:**

6mm+6mm Euro grey laminated tempered 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. comply with EN12150 European tempered glass standard

2. comply with ASTM1048 American Standard

3. conform with GB 9963-1998 Tempered Glass Standard

4. conform with GB 17981-1999 Chinese Standard Tempered and Heat-Strengthened Glass

5. Comply with Chinese Safety Glass Compulsory Certification (CCC), IGCC, CSI.

### **Picture details of 13.14mm light grey laminated tempered glass:**

**Product image:**



**Breakage of toughened laminated glass:**



annealed glass



tempered glass



tempered laminated glass

**Production Line:**





**Package & Loading:**



