

## **SGG 12.76mm silk screen laminated tempered glass - building glass manufacturers**

**12.76mm silk screen laminated tempered glass** is a kind of safety glass. Its production is the same as the ordinary [12.76mm laminated tempered glass](#). It's made by one pieces of [6mm clear tempered glass](#) or 6mm ultra clear tempered glass sheets and another piece of [6mm silk screen printing tempered glass](#) sheet inserted by clear PVB of 0.76mm thickness. Both of the glass sheets tightly together by the PVB film after heating and high pressure. Thus, it has the same feature of safety as the clear laminated glass. When 12.76mm silk screen laminated tempered glass is broken, it would be still in a completed shape, because the debris will still stick to the PVB film and won't fall off. That will reduce injury.

### **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. Optical performance: The transmission of sunshine and lower the temperature can be reduced by 12.76mm silk screen laminated tempered glass.
2. Strength: Compared to ordinary 12.76mm non-tempered laminated glass, 12.76mm silk screen laminated tempered glass is about 4~5 times harder. It has higher strength, can withstand heavier impacts and load heavier weight.
3. Color range: Any colors of Pantone and RAL charts are available.
4. 12.76mm silk screen laminated tempered glass has the feature of sound-proof, because the PVB film can block the sound transmission efficiently.
5. Safety, the debris will still stick to the film and won't fall off when the glass panel is broken.
6. All processing such as polishing edge, rounding corner, drilling holes, cutout, cutting notches, etc. must be finished before being printed and tempered.

### **Applications:**

1. 12.76mm silk screen laminated tempered glass can be used as glass doors, floor, staircase, decoration wall.
2. 12.76mm silk screen laminated tempered glass can be made of table top or table covering.
3. 12.76mm silk screen laminated tempered glass can be used as glass railings, handrail, fence, partition wall, ceiling.

## **Specifications:**

Product name: 12.76mm silk screen laminated tempered glass

Other name: 12.76mm silk screen sandwich tempered glass; 12.76mm laminated toughened glass; 12.76mm laminated silk screen printing glass; 12.76mm VSG, 6mm+6mm sandwich glass, 6+6 tempered laminated glass

Thickness: 12.76mm

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

Glass structure: clear glass/ultra clear tempered glass + silk screen printing tempered glass;

Available glass colors: transparent, semi-transparent, milky white, opaque white, green, blue, bronze, grey, etc., all pantone colors and patterns

Standard size: 1830mm\*2440mm; 2140mm\*3300mm, and customized sizes

Maximum Size: 3M\*12M

## **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 12.76mm silk screen laminated tempered glass:**

**Product image:**



**Breakage of toughened laminated glass:**



annealed glass



tempered glass



tempered laminated glass

**Production Line:**





**Package & Loading:**

