

SGG 21.14mm clear tempered laminated glass- building glass manufacturers

Toughened laminated glass 10mm+10mm also known as tempered laminated safety glass 21.14mm, is a kind of laminated glass, which is made of two layers of [10mm clear float glass](#) after tempering process become into [10mm clear tempered glass](#) sandwich together. 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.

Middle layers for laminated glass:

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

Features:

1. Safety glass: toughened laminated glass 10mm+10mm break into small granular and bond by pvb film, will not fall down.
2. Sound resistance function: The density of PVB/SGP/EVA film are different with glass and the film can stop sound transmission in some degree. So the laminated glass is a kind of sound resistance glass.
3. UV rays resistance: Toughened laminated glass reduces the penetration of UV rays and protect indoor objects from UV rays radiation.
4. Fire resistance function: Toughened laminated glass can protect buildings against fire.
5. Energy saving function: Toughened laminated glass can make light through and reduce heat transmission, especially the raw glass consisted with reflective glass or low e glass, has very good function of solar energy saving effect.

Applications:

1. Glass railings, glass balustrade, glass fence etc.
2. Glass facade, glass curtain wall
3. Glass partition, glass partition wall

Quality Certificates:

1. toughened laminated glass 21.14mm meet CCC(Chinese Safety Glass Compulsory Certification)
2. toughened laminated glass 21.14mm meet China laminated glass standard GB9962.
3. toughened laminated glass 21.14mm meet meet European safety glass standard EN12543, E12510.
4. toughened laminated glass 21.14mm meet British standard BS6206

Picture details of toughened laminated glass 21.14mm:

Product image:





Breakage of toughened laminated glass:



annealed glass



tempered glass



tempered laminated glass

Production Line:



SGG

Professional glass manufacturer



Package:



