

SGG China 6mm [curved tempered glass](#) supplier and manufacturer in China

Curved tempered safety glass/ curved toughened safety glass is a kind of safety glass, which is heat float glass to the soften point (about 600°C). The radius will control and adjust by the computer. Thus realized automatic radius changing and adjusting according to a certain radius of the cool treatment, the surface strength doubled. When curved glass broken, the glass fragments will not sharp and do harm to human body. The strength is 4-5 times than annealed glass. Curved glass has good thermal stability which can withstand 300°C temperature change

Features

1. Safety: when it breaks into small fragments without causing bigger wounds when getting into skin contact.

2. Hardness: The hardness of curved tempered glass is 5 times than the annealed glass.

3. Good thermal stability: Curved tempered glass can withstand the temperature is 3 times the ordinary glass and can withstand 300 degrees Celsius temperature changes.

4. Nice Optical quality: The most important stage in the manufacturing of tempered safety glass is to make the optical qualities of the glass to remain unaltered

Applications:

Curved tempered glass use widely in modern buildings, see as below:

1. Bent tempered glass can be processed into bent tempered insulating glass.
2. Wavelike and curved curtain wall panels for offices, shopping centers, airports and concert halls
3. Curved glass Fence/ Railing/ Balustrade
4. Curved glass partition

Difference between curved tempred glass and curved annealed glass

1. Production process:

Curved tempered glass is produced by float glass and through the mold shaping controled and adjusted by computer, Heat to the soften temperature of annealed glass. Then with quickly cool down.. While the curved tempered glass is produced by heating flat float glass up to the softening point on metal mold, and then curved to shape by weight of glass itself and outside force, and finally slowly cooled down, it's annealed glass can be multi-shape.

2. Safety:

Curved tempered glass is a kind of safety glass, which fragments will do not harm to human body. But curved annealed glass 's fragments is sharp. It will do harm to human body, not safety glass

3. Shape:

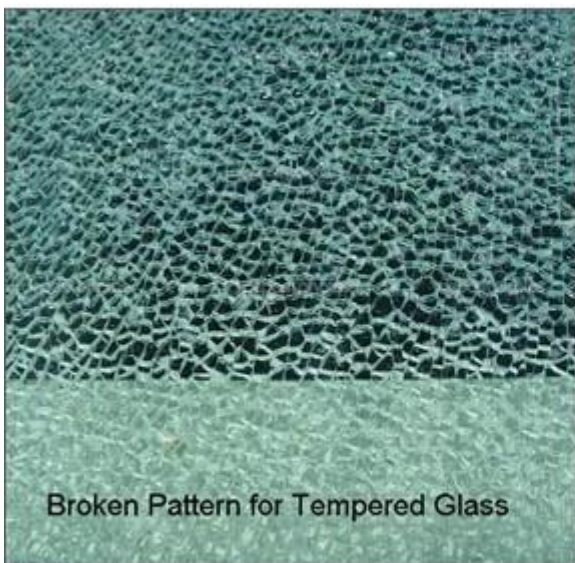
Curved tempered glass only produce on radius shape glass, but curved annealed can produce multi shape with any shape.

Quality:

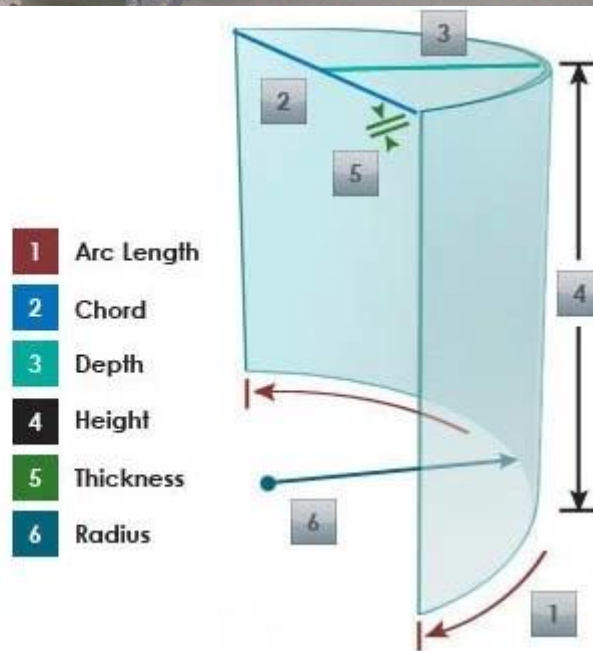
1. China 6mm curved tempered glass meet BS 6206 UK safety glass standard.
2. China 6mm curved tempered glass meet EN 12150 CE European safety glass standard.
3. China 6mm curved tempered glass meet Chinese Safety Glass Compulsory Certification (CCC)

Details of China 6mm curved tempered glass:

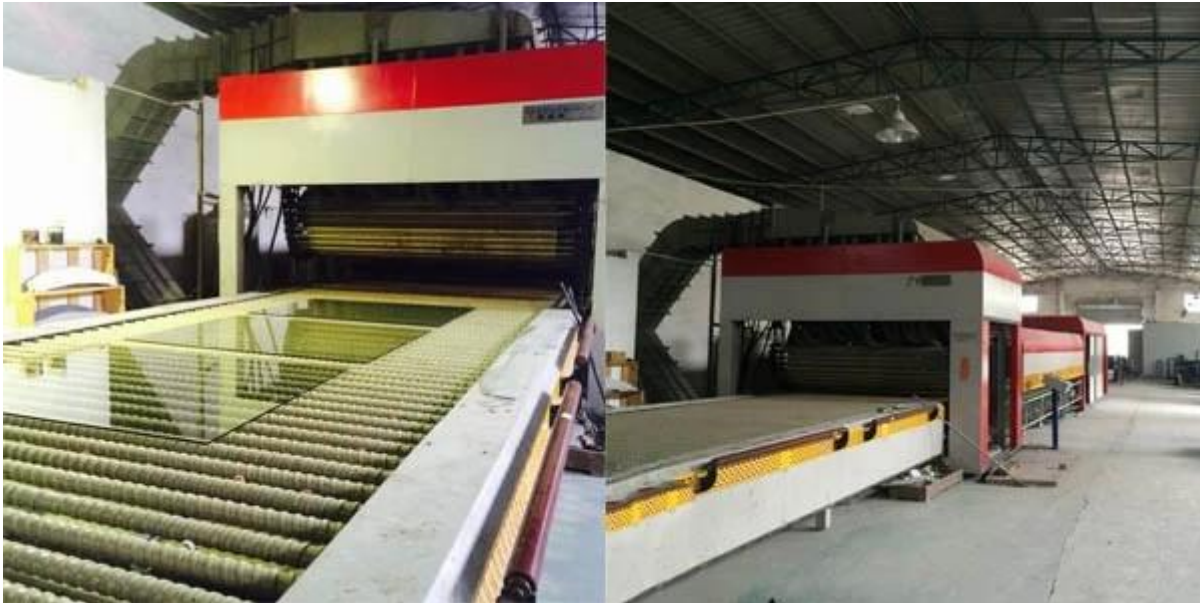
Product pictures:



Broken Pattern for Tempered Glass



Production lines:



Package and Loading:

