

## SZG China 12mm ultra clear curved tempered glass supplier and manufacturer in China

12mm low iron Curved tempered safety glass/ 12mm super clear curved toughened safety glass is produced by [12mm ultra clear glass](#) heated to softening point (about 600 degrees Celsius), according to a certain radius of the cool treatment, the surface strength doubled, the original flat surface become to curved surface of the glass.



**Specifications:**

Thickness: 5mm curved low iron glass, 6mm curved low iron glass, 8mm curved low iron glass, 10mm curved low iron glass, 15mm curved low iron glass, 19mm curved low iron glass etc

Custom sizes based on clients' drawing

$R \geq 480\text{mm}$ , Arc Length  $\leq 1500\text{mm}$ , Height  $\leq 2400\text{mm}$

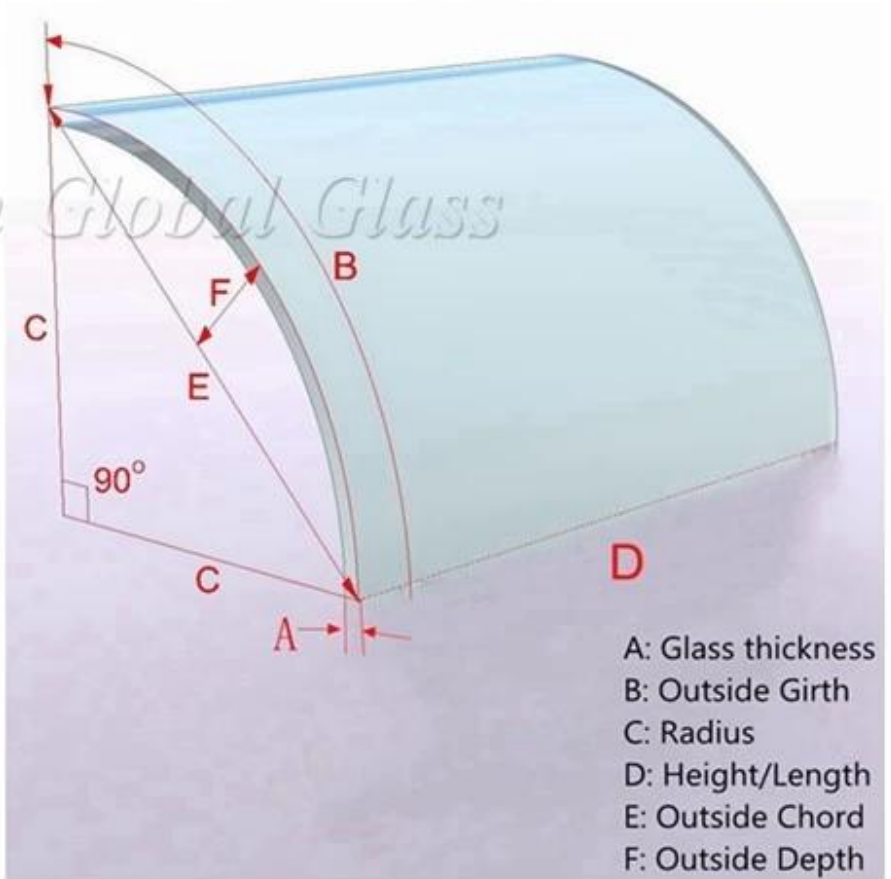
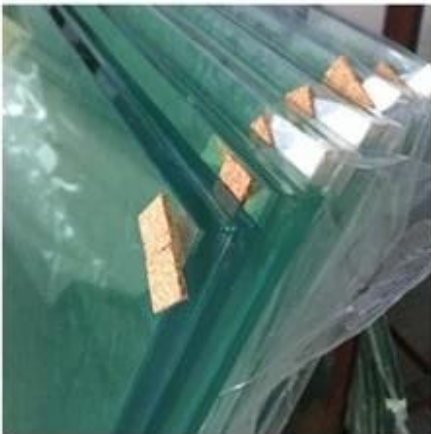
$R \geq 6000\text{mm}$ , Arc Length  $\leq 3300$ , Height  $\leq 12000$

5-6mm mini radius: 1000mm

8-12mm mini radius: 1500mm

15-19mm mini radius: 2000mm

Color: clear bent glass, ultra clear bent glass, acid etched bent glass, gray bent glass, green bent glass, blue bent glass, bronze bent glass or any color based on Pantone chart.



**Features:**

1. No harm for human beings: Curved Toughened Glass broke into small pieces of obtuse honeycomb particles, and the broken pcs will not harm the human body.
2. Hardness: The hardness of curved safety glass is 5 times than the annealed glass.
3. Good thermal stability: Curved toughened glass can withstand the temperature is 3 times the ordinary

glass and can withstand 300 degrees Celsius temperature changes.

4. High Transparency: The low iron tempered glass are with higher transparent than clear toughened glass, can reach above 91%.

5. Glass blew rate is low, As the ultra-white glass raw materials contain less impurities such as NiS, making the ultra-white glass has a more uniform composition than order clear glass, with its internal impurities less, thus greatly reducing the possible of blew.



## **Applications:**

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

1. Glass wall, glass partition
2. Glass ceiling
3. Glass Fence/ Railing/ Balustrade
4. Glass door
5. Glass table top



## Quality:

1. 12mm curved crystal glass meet BS 6206 UK safety glass standard.
2. 12mm curved crystal glass meet EN 12150 CE European safety glass standard.
3. 12mm curved crystal glass meet Chinese Safety Glass Compulsory Certification (CCC) and GB15763.2.

