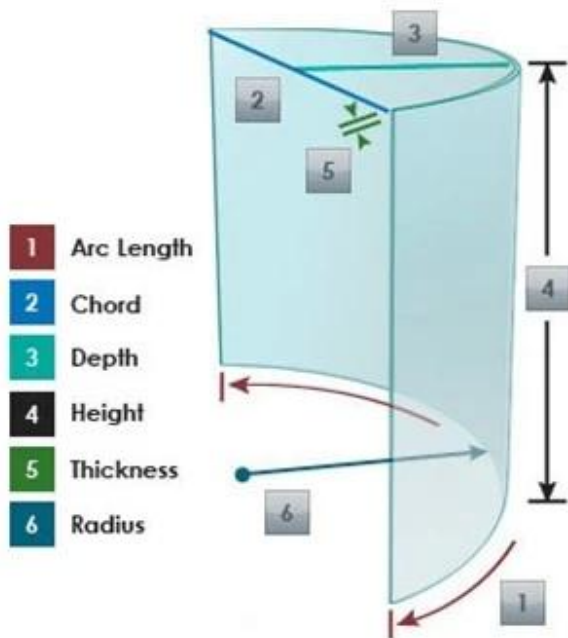
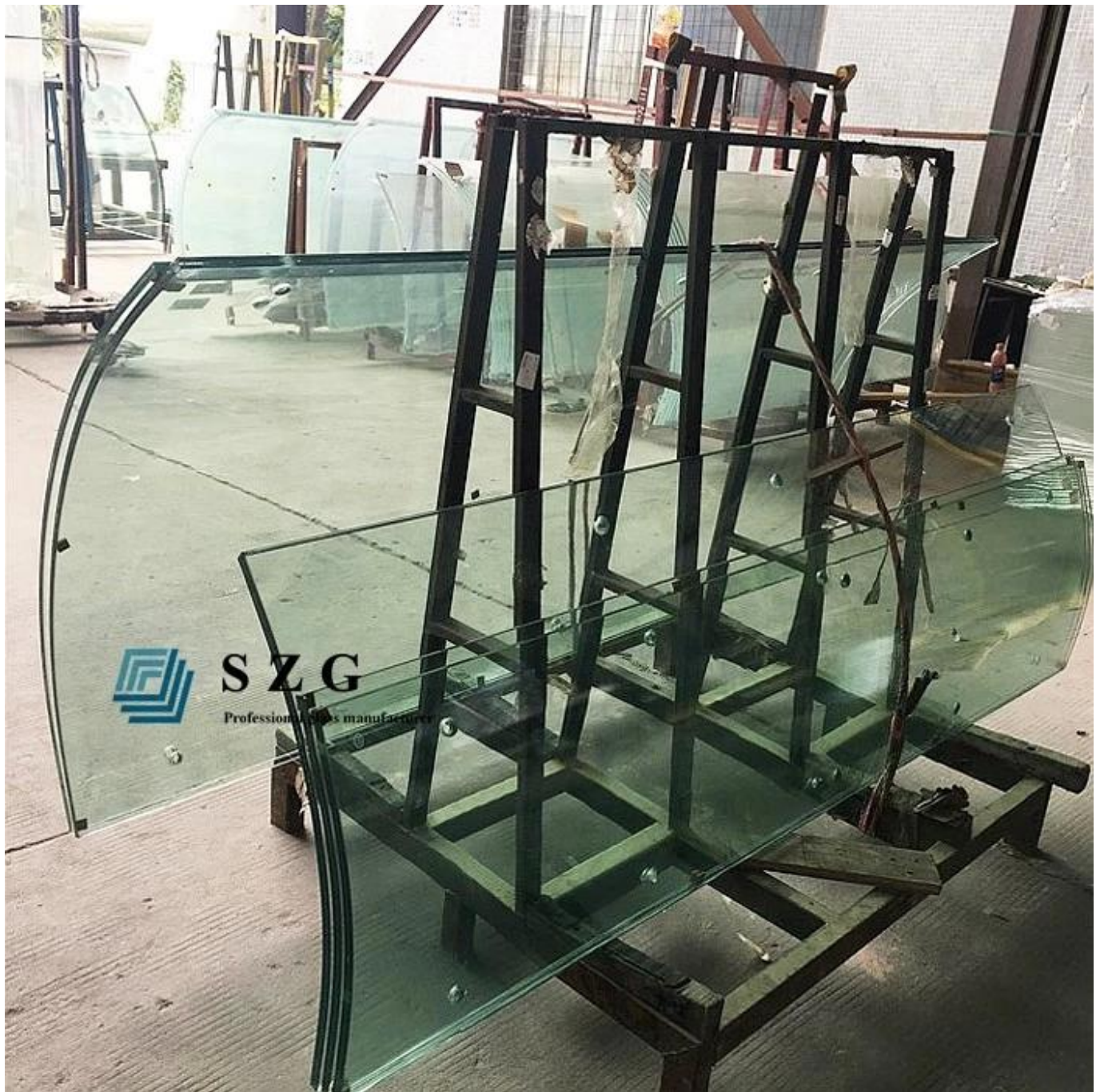


**10mm 12mm 15mm 19mm curved toughened glass** offered by Shenzhen Sun Global Glass are made in a process based on tempering. After reaching the glass temperature close to the softening point, the glass pane is curved to obtain the required shape and then quickly cooled down. Curved tempered glass is a type of safety glass and widely used in [glass railing](#), even if the glass break, it will shatter into small blunt fragments reducing the risk of injury. Also the curved design provide glass with a aesthetic quality.





## Applications

Curved tempered glass is applied for indoor and outdoor usage, such as residential location, store, showroom, office, restaurant, sightseeing terrace, balcony etc.





## Advantages of Our Toughened Curved Glass

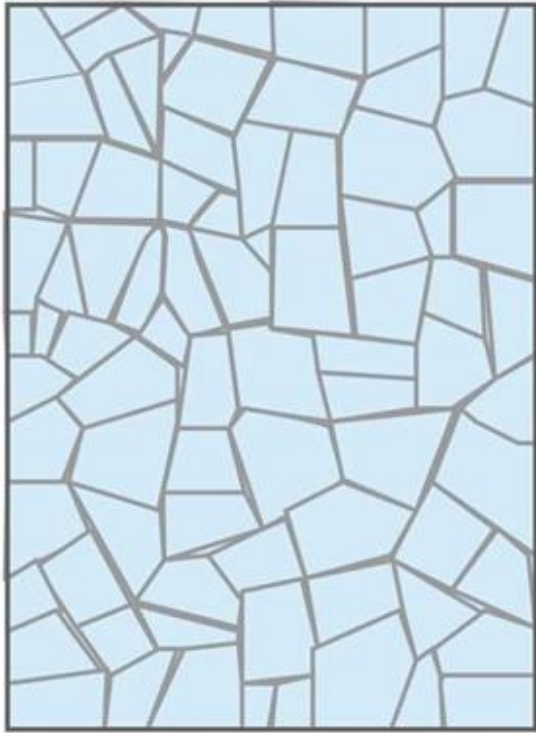
1. As a type of safety glass, toughened curved glass is made by heated flat glass to about 680 °C, the glass is moved within the furnace into the bending station, where it is bent to its target radius. Heat process make the glass 5 times harder than ordinary glass, when glass broke, it will shatter into small blunt fragments and harmless to people.

2. Curved toughened glass has transparent nature, allows light to enter into and travel through a building or structure. The presence of natural light within a building creates a more pleasant environment for those living or working within the building.

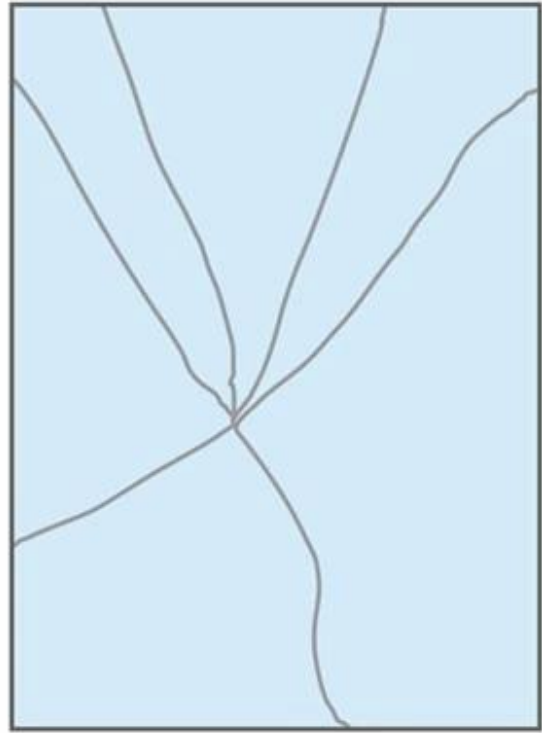
3. Curved glass is an excellent addition to structural applications where unique bending design is a necessity to make the building design more elegant . Toughened curved glass sometimes can reduce the use of other building materials and result in a reduction to building costs.

4. We provide quality customize service, different size, curved direction, radius are all available to customize according clients' requirement. Also we provide polish edges, drilling holes, cut notches etc process service.

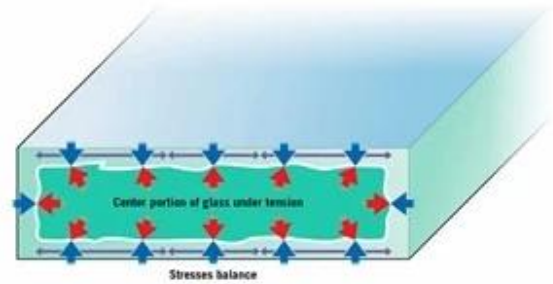
5. Curved glass is flexibility and elegant, the flow of this building material provide unprecedented level of creativity in the design of a structure. Toughened curved glass is a highly adaptable material to give architects the freedom to explore more organic and fluid concepts.



TOUGHENED GLASS  
BREAK



ANNEALED GLASS  
BREAK





## Our Production Line

Shenzhen Sun Global Glass Co., Limited is a professional building glass manufacturer in Shenzhen of China. It was established in 1993, and occupies 13000 square meters, there are advanced CNC cutting machine, automatic grinding machine, tempered furnace, insulated glass production line, etc. For example Insulated Glass the daily productivity is 5000m<sup>2</sup>; tempered glass the daily productivity is 13000m<sup>2</sup>; laminated glass daily productivity is 8000m<sup>2</sup>, etc.



**Material Storage Area**



**Cutting Machine**



**Edgeworks**



**Drilling Machine**



**Washing Machine**



**Tempering Furnace**



**LED Lighting Detection**



**Packing & Loading**

## Packing and Loading for Export

Each glass sheet is separated by high and quality of anti-mildew paper.

Before packing, each glass sheet must be inspected to.

Using brand new, durable, seaworthy plywood case with foam protection inside.

Each case will be fasten by metal belt.

