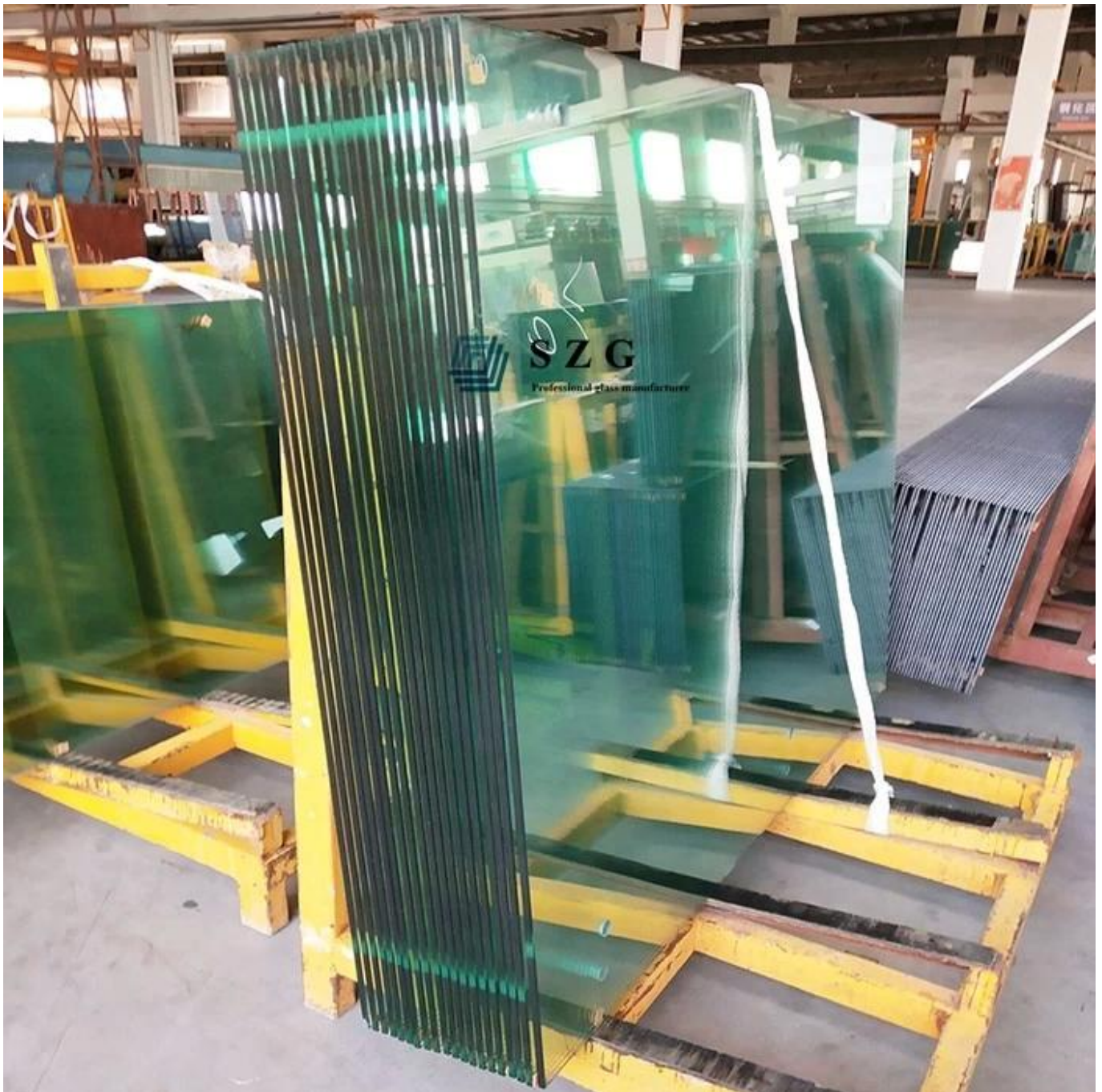


**8mm 10mm 12mm clear tempered glass frameless folding sliding door** is a kind of door which is install by glass and can bring light to the interior. When open, the tempered glass door panels will move and fold up to beautifully frame. When closed, they create a stately wall of light.

Shenzhen Sun Global Glass provide quality [tempered glass](#) for folding door. Tempered glass also called toughened glass, it is heat the float glass to the soften temperature of annealed glass (about 700°C) and quickly cool down, this process can increased the tensile stress inside the glass. Tempered glass 5 times harder than ordinary float glass While ordinary float glass breaks into large and sharp pieces, tempered glass crumbles into small pieces, which are relatively harmless when the glass is broken.









### **Advantages of SZG Tempered Glass**

Produce base on ISO 9001, meet CE, BS6206 etc quality standard. Shenzhen Sun Global Glass Co., Ltd use high quality glass as raw material for processing. Without defects, such as spots, scratches, bubbles, etc.

Tempered glass is stronger than normal float glass and resists breakage. Even when it break, tempered

glass disperses into blunt, pebble-like pieces, unlike the sharp shards of traditional glass. The sharp pieces of regular broken glass is easy to injury people and very difficult to clean up thoroughly. Tempered glass can prevent serious injury that can occur when glass breaks.

Tempered glass is less likely to break because it is strengthened. The strength of tempered glass means it can stand up to impacts, blows, scratches, strong winds etc. Because of the resistance of tempered glass, it's often used in high-rise buildings, commercial settings etc where are required withstand higher forces.

Tempered glass is good ideal for residential and commercial folding doors, as it is more scratch resistant and will stand up to everyday use and wear and tear. Using tempered glass for glass doors ensures these surfaces stay flawless and clear for longer.

Tempered glass can be used in many creative and unique applications because of its high strength, such as for frameless doors and other frameless glass structures like partitions and shower doors. These add an innovative and stylish effect to both residential and commercial spaces.

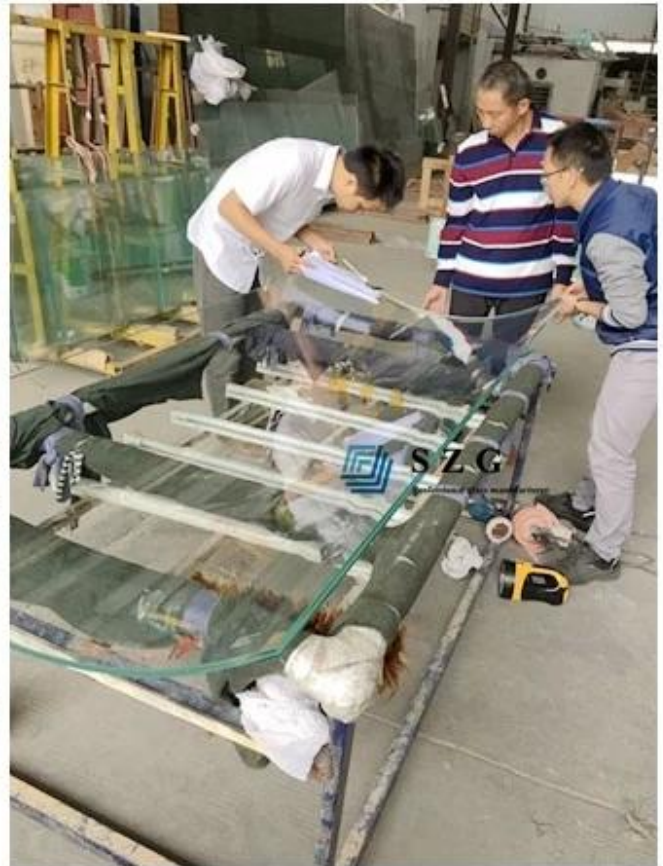
Shenzhen Sun Global Glass provide quality customize service, patterned, frosted, colored, flat and curved shape, edgeworks, drilling holes, safety corner etc options are all available to compliment your request.



## How SZG Controls Glass Quality

SZG take 100% inspect before process and packing. Before process. Before process, raw glass are put under LED light to check whether whole raw glass sheets exist air bubble, stain(rainbow), scratch and other defects. Before packing, tempered glass is also inspected, include flatness of glass surface, bubble and scratch inspect, glass stress test, edge polish, glass thickness etc.





## SZG Production Line

SZG factory 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**

## Quality Certificates

1. Tempered glass meet BS 6206 UK safety glass standard.
2. Tempered glass meet EN 12150 CE European safety glass standard.
3. Tempered glass window meet Chinese Safety Glass Compulsory Certification (CCC)
4. Tempered glass meet USA quality standard SGCC certificate.



