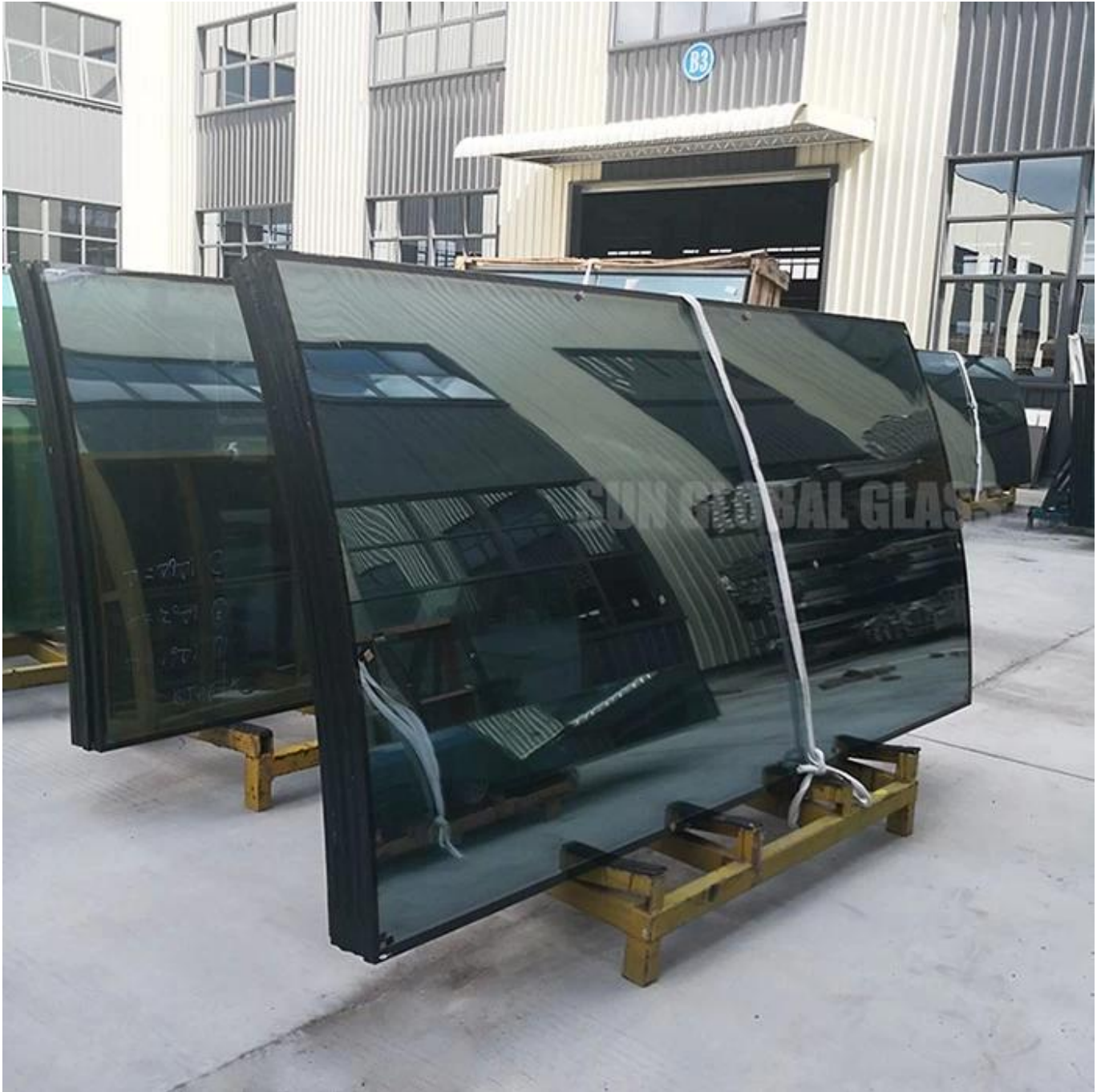


Curved insulated glass(double glazed glass) facade is two or more [curved tempered glass](#) sealed around the edges with one and more argon or air space between, to form a single unit. And then the glass is used for building curtain wall.

Curved tempered glass is 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. After being processed into curved insulated glass, it is widely used in glass architecture, 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.





Advantages of Curved Insulated Glass

1. It is produced by using two pieces of tempered glass, tempered glass is 5 times harder than normal float glass. Once breakage occurs, the glass disintegrates into small cubical fragments, which are relatively harmless to the human body.

2. Provide better insulation than the traditional glass. The double glazed design provide a better barrier to reduce the amount of heat transfer from the house to the cold outer air. During the hot summer months, insulated glass can keep the extreme heat outside. The better insulation provided by double glazed ensures that warmer winters and cooler summers indoor.

3. Has function of sound insulation, compare to single glass, insulated glass provide better sound insulation effect. Double glazing provides a quiet and peaceful environment away from the loud outside. In the same way, it also can keep the noise coming from indoor.

4. 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.



Our Factory & 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 5000m²; tempered glass the daily productivity is 13000m²; laminated glass daily productivity is 8000m², etc.

Material Storage Area



Cutting Process



Edgeworks & Drilling



Tempered Process



Ceramic Frit



Insulated Process



Merging Room



Autoclave



Inspection



Loading

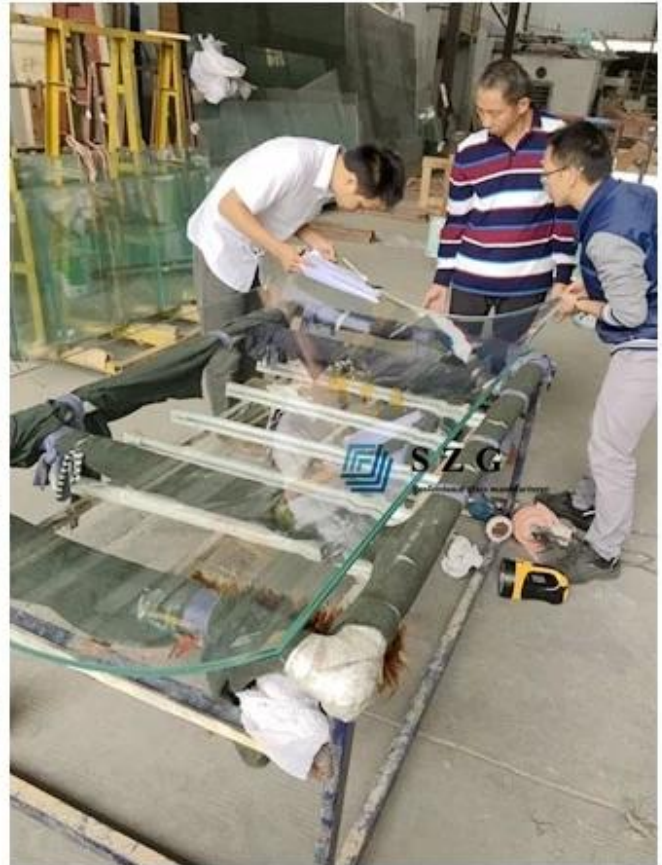


Packing



Our Inspection Team

Sun Global Glass takes 100% inspect before process and packing. 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.



Packing & Loading

1. Each glass sheet is separated by high and quality of anti-mildew power.
2. Before packing, each glass sheet must be inspected to.
3. Using brand new, durable, seaworthy plywood case with foam protection inside.
4. Each case will be fasten by metal belt.

