

**Low iron cross reeded laminated glass**, also called textured laminated glass, normally used for decorated or the areas where where privacy needs to be protected. It is made by used two pieces of ultra clear tempered fluted glass with a PVB film interlayer. Low iron fluted tempered glass is carving low iron clear float glass into fluted shapes and heat treatment process the fluted glass into tempered fluted glass.

Ultra clear textured tempered laminated glass is a type of safety glass, the two pieces of **tempered fluted glass** panels are tightly glued together by the PVB film, even if the glass cracks, splinters will adhere to the PVB interlayer and not scatter. Textured laminated glass has feature of high strength and can withstand a strong impact. Usually it is used for indoor decoration, balustrade, stair fence, door, partition, windows etc.





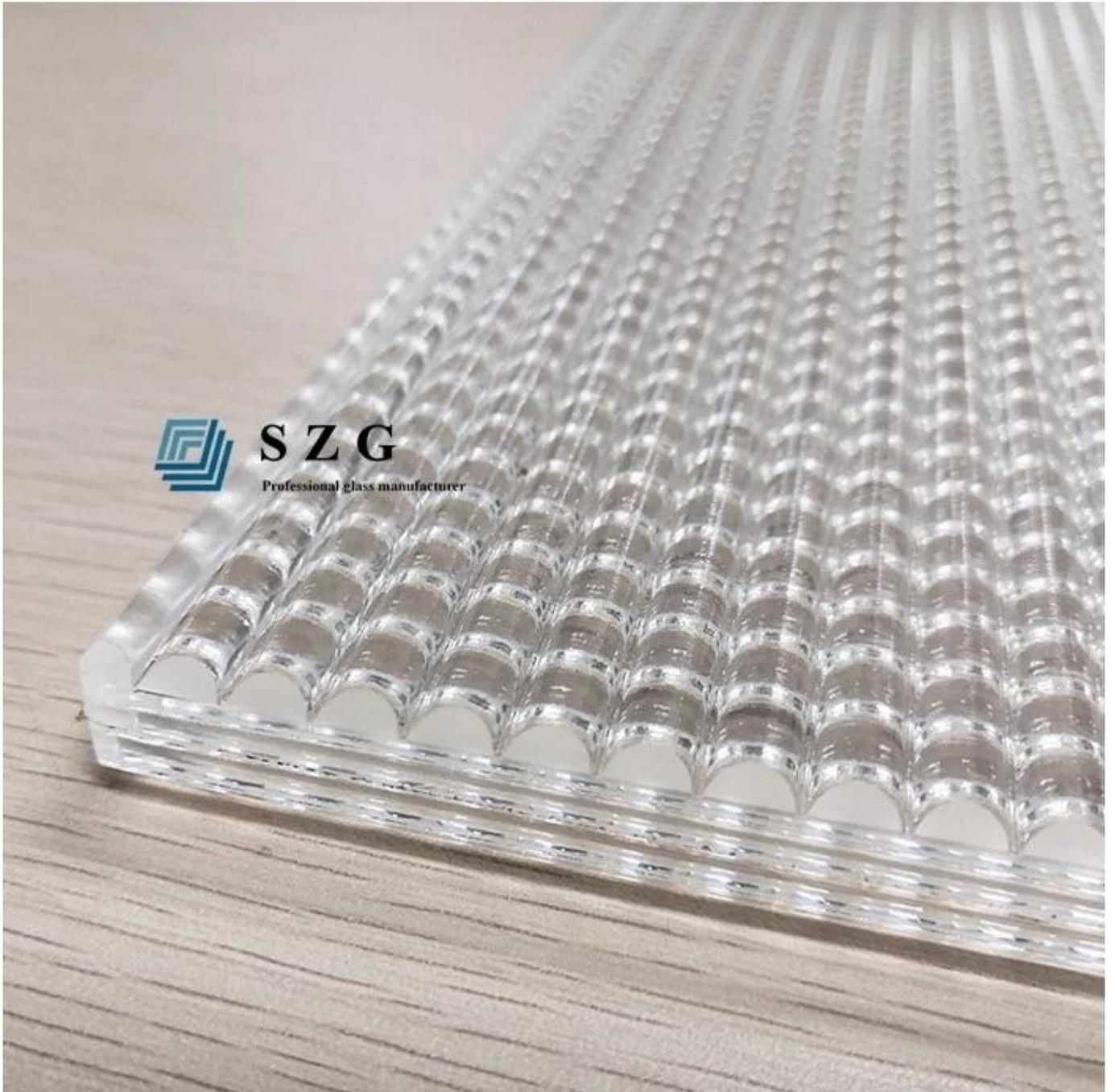
### **Specification:**

Thickness: 4+4mm, 5+5mm, 6+6mm, 8+8mm, 10+10mm, 12+12mm, 15+15mm, 19+19mm etc

Size: customize according customer's demand, the max size we can produce is 3300x12000mm.

Pattern: depth and width of texture on glass can be customized based on customers' design

Color: clear, ultra clear, bronze, blue, green, gray etc color can be customized.



### **Advantages of low iron cross reeded laminated glass:**

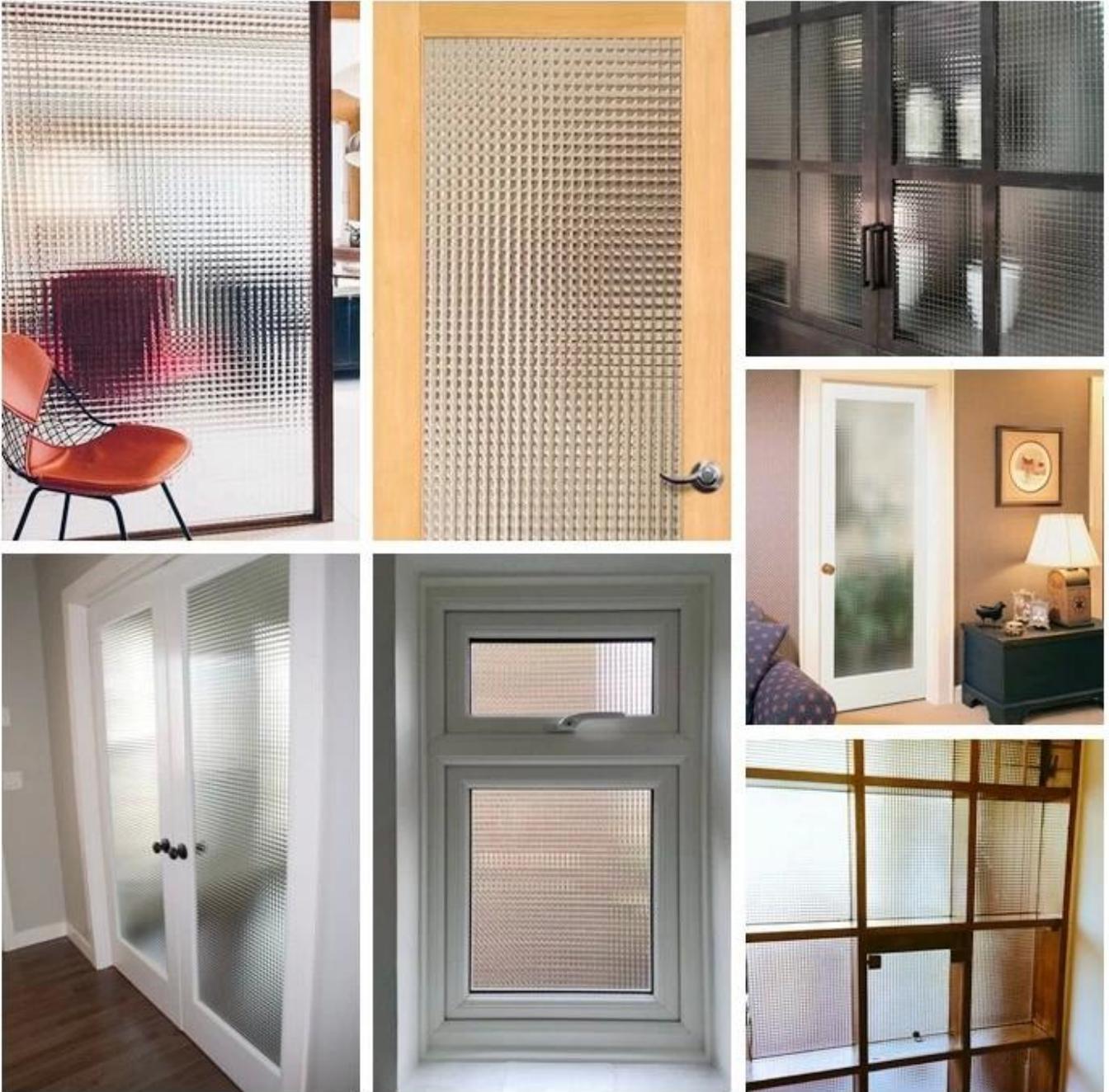
1. Cross reeded laminated glass is made by 2 pieces tempered fluted glass. Tempered fluted glass is a type of safety glass, has high strength, it is 4-5 times stronger than normal clear float glass, can reduce the risk of thermal breakage.

2. Material of ultra clear glass has much low iron content than ordinary clear glass, absorbs less green band in the visible light, can ensure the consistency of the color of the glass, make the glass looks more beautiful.

3. Has textured appearance with its cross reeded shape, each cross reeded create an effective distortion opacity, this feature provides privacy and widely used in areas where privacy needs to be protected, such as shower room, partition wall, window etc.

4. The creative cross reeded textured design make the glass has a vintage and architectural feel, not only can protect privacy, but also play a decorative role. It looks perfect when paired with crisp, modern lines.

5. Shenzhen Sun Global Glass provide quality customize service, different thickness, size, color are all available to customize according clients' requirement. Also we provide polish edges, drilling holes, cut notches etc process service.

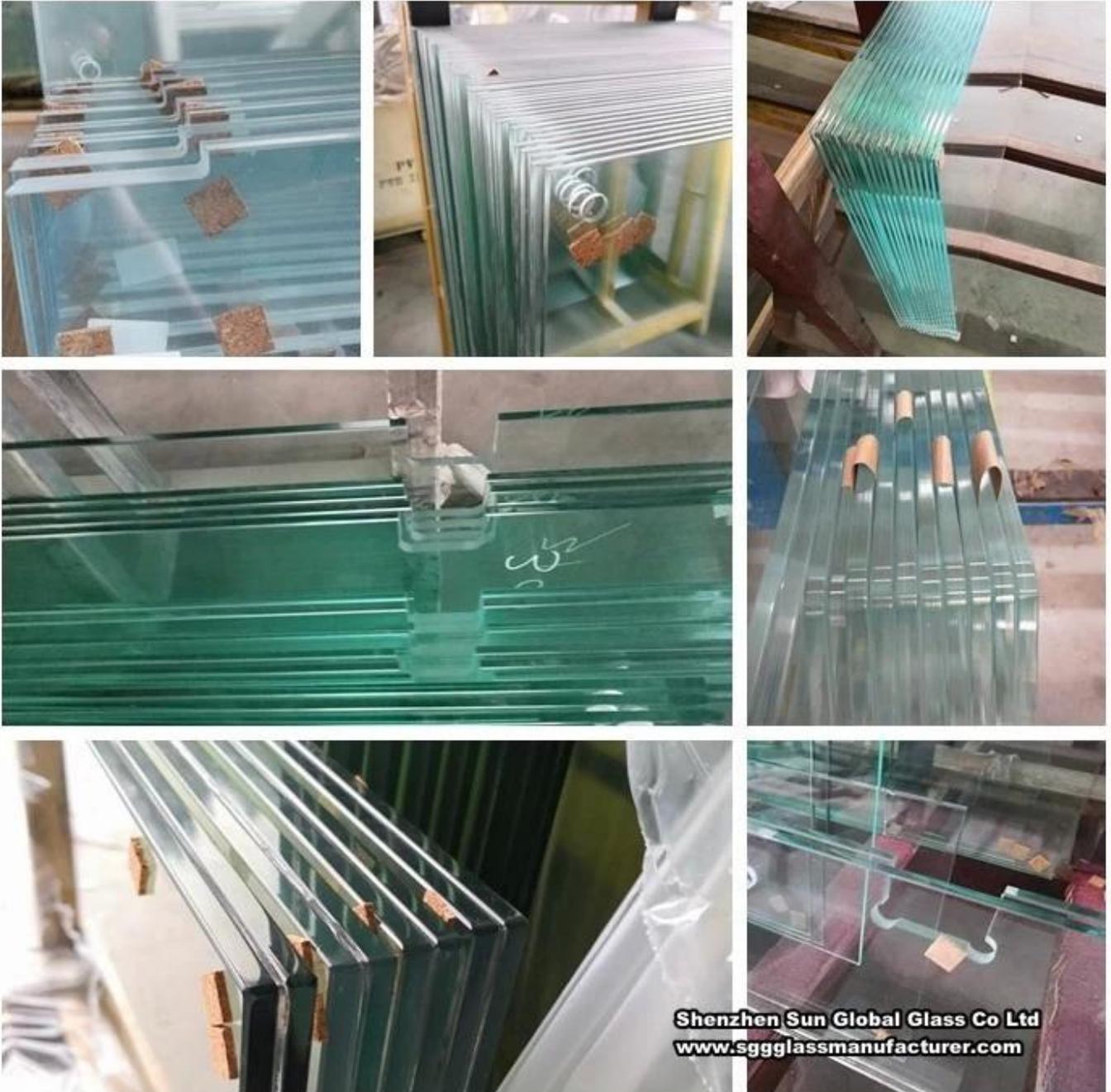


**Shenzhen Sun Global Glass provide quality process services:**

1. We process float glass by using grade A building glass materials, without any bubble, scratch, spot etc defects.
2. Each step of our processing meet ISO, CE, SGCC etc standard.

3. Welcome customers to customize glass design, such as polish edgeworks, drilling holes, cutouts, safety corner, printed pattern and logo etc.

3. Use high quality newest seaworthy wooden crates to pack, also can packing according to customer's demand.



## Our production Line

Shenzhen Sun Global Glass established in 1993, our factory occupies 12000 square meters, there are advanced CNC cutting machine, automatic grinding machine, tempered furnace, insulated glass production line, etc. advanced machines. Keeping updating with word advance production machines and focus on high end quality glass are our keys to our success.



**Material Storage Area**



**Cutting Machine**



**Edgeworks**



**Drilling Machine**



**Washing Machine**



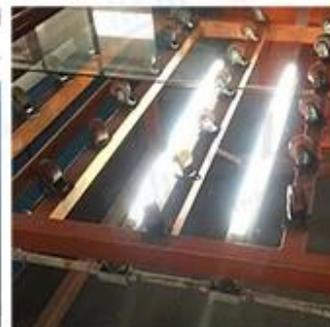
**Tempering Furnace**



**Merging Room**



**Autoclave**



**LED Lighting Detection**



**Packing & Loading**

**Our quality certificates:**

1. Tempered glass meet BS 6206 UK safety glass standard.
2. Tempered glass meet EN 12150 CE European safety glass standard.
3. Laminated glass meet EN14449 CE European safety glass standard.
3. Laminated glass meet USA quality standard SGCC certificate.

