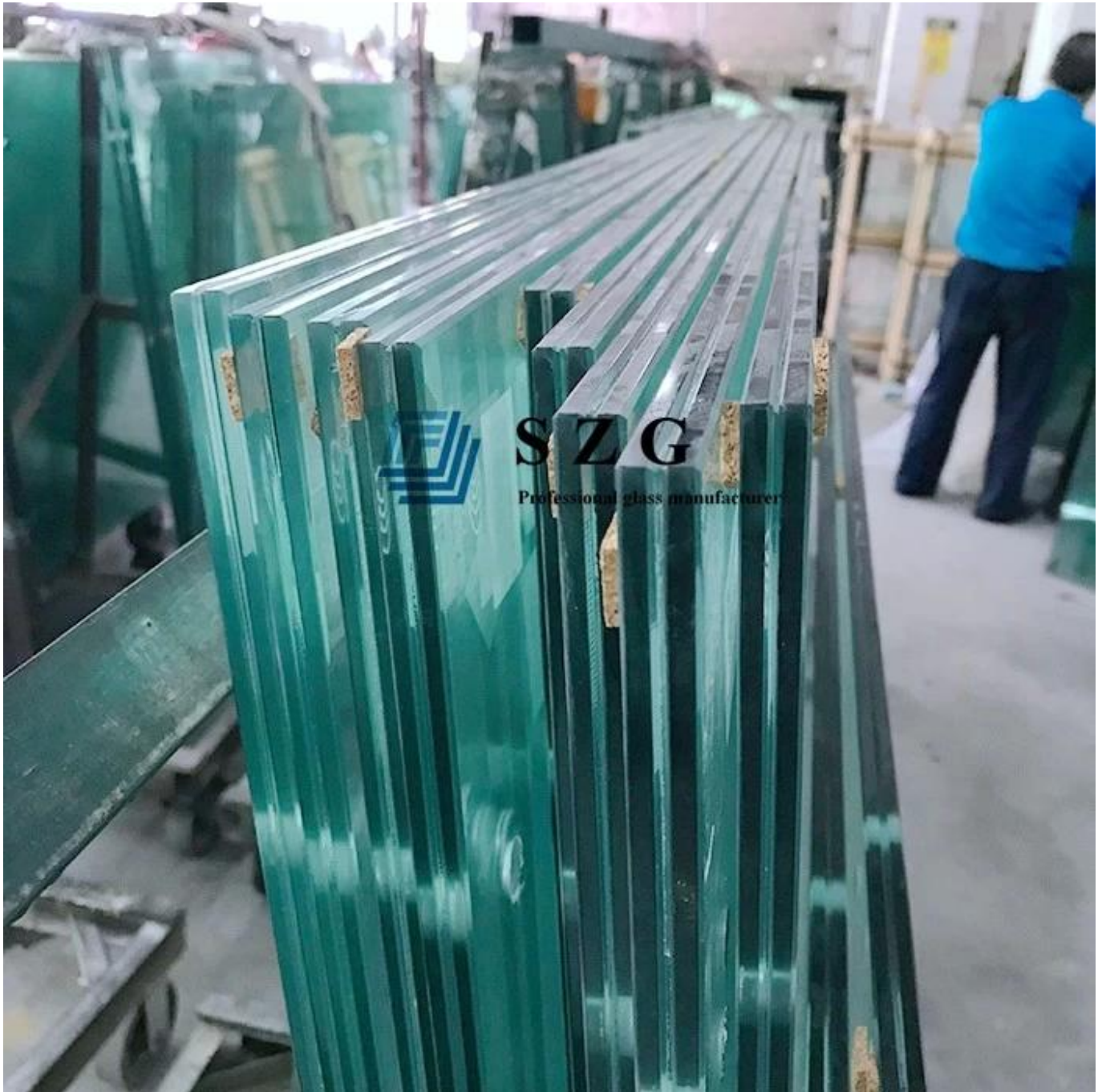
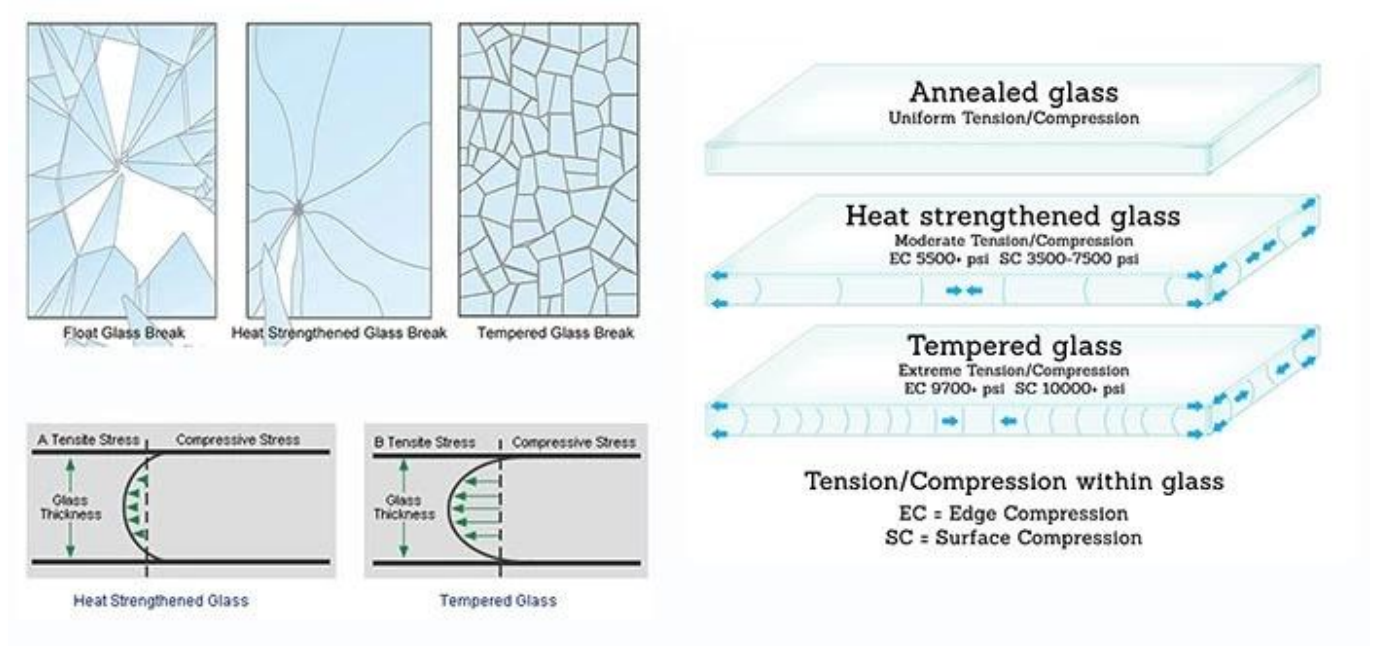


**11.14mm heat strengthened laminated glass** is made by two pieces of [5mm clear heat strengthened tempered glass](#), the interlayer is a 1.14mm PVB film. Heat strengthened tempered/toughened glass also called half tempered/toughened glass, compare to normal tempered glass, cooling time of heat strengthened glass is more longer. Heat strengthened glass is less susceptible to spontaneous breakage than normal tempered glass. Process the heat strengthened into laminated glass make the glass more safety, even if the glass breaks, it remains held together.



**Heat Strengthened Glass VS Toughened Glass**

1. Heat strengthened glass and tempered glass are all produce by heat the float glass to 680-720 ° C and then cooling done, compare to toughened glass, heat strengthened glass is cooling done at a much slower pace.
2. Heat strengthened glass is about twice as strong as annealed glass of the same size and thickness while toughened glass has about 5 times stronger than annealed glass.
3. When producing heat strengthened laminated glass as compared to toughened laminated glass, heat-strengthened glass allows the interlayer to laminated glass to adhere more evenly because of a flatter finish surface.
4. Heat strengthened glass is less susceptible to spontaneous breakage than toughened glass.



## Advantages of Heat Strengthened Laminated Glass

1. Heat strengthened laminated glass is a safety glass, even if the glass breaks, the splinters will remain held together, not fall down and hurt people.

2. HS laminated glass is 3 times more resistant to thermal stress in comparison to normal tempered laminated glass.

3. Heat strengthened laminated glass has outstanding thermal stability, its flatness and light transmission is close to that of annealed glass and much better than that of tempered laminated glass.



## Applications of Heat Strengthened Laminated Glass

Glass window & door

Glass railings & balustrade

skylight & roofs



Office partition

etc



## Packing & Loading

1. Before packing, each glass sheet should be inspected and ensure are all in good condition.
2. Sun Global Glass packing by using new, durable, seaworthy plywood case with foam protection inside.

3. Each case will be fasten by metal belt.



Professional glass manufacturer