

## 5mm heat strengthened glass

Heated treatment glass includes Heat Strengthened Glass (half tempered glass), Tempered Glass (Full tempered glass) and Heat Soaked Test Glass (HST glass), the procedure of processing requirement depends on the glass specific application. Glass thickness can be 3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm, 15mm, and 19mm.

In the section 5mm heat strengthened glass is a customized product, which are made of 5MM Anneal Glass cut into splices, glass substrate can be 5MM Clear Float Glass, 5MM Ultra Clear Float Glass, 5MM Tinted Glass, 5MM Reflective Glass, or 5MM Low E Glass, Shenzhen Sun Global Glass Co., Limited can arrange production any custom size and shape against client's drawings.

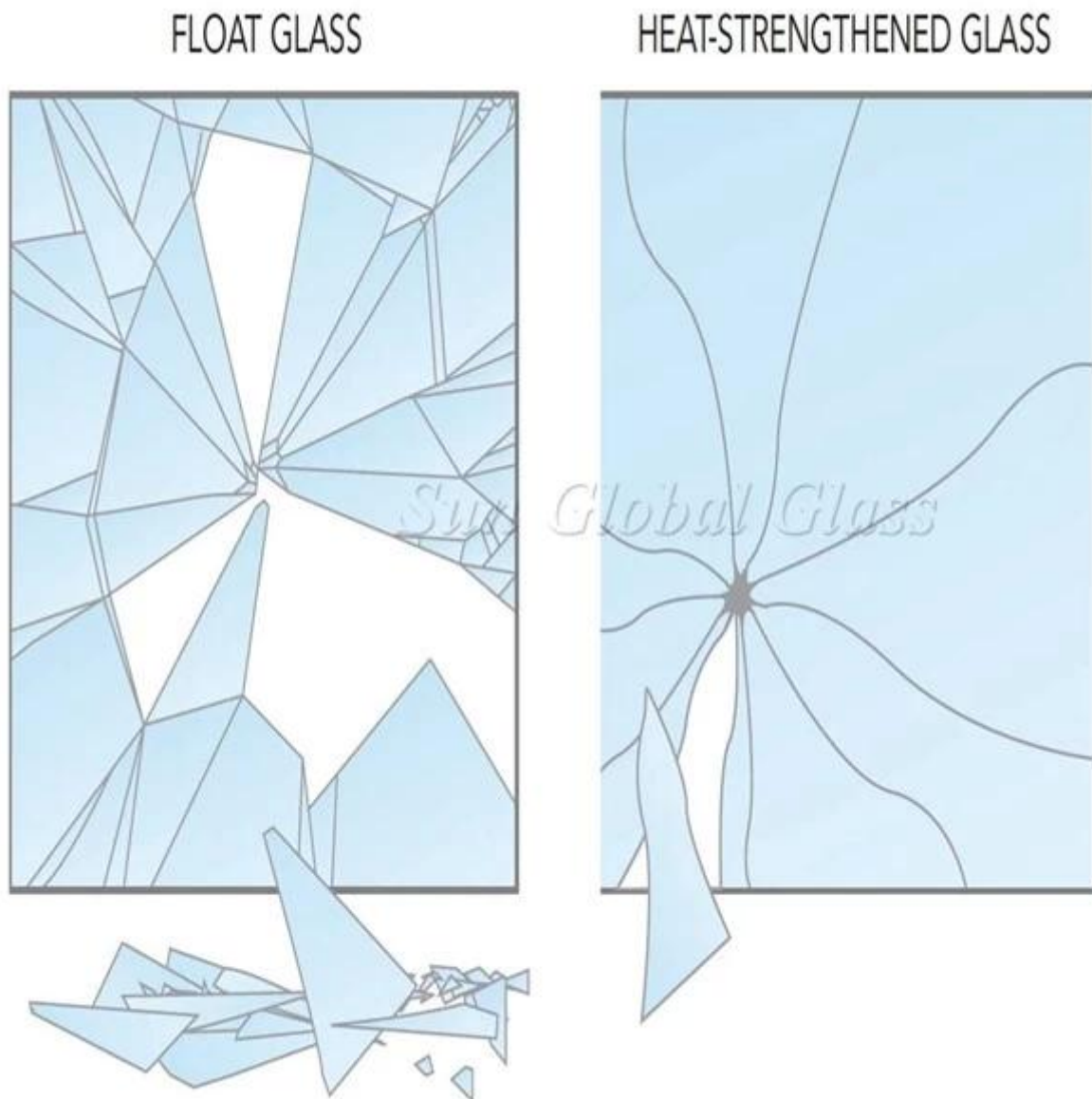


### **Features of 5mm heat strengthened glass:**

1. production using the same processing equipment as full tempered glass
2. Heating the glass approximately 1200 degrees, then force-cooling it to create surface and edge

compression. Be precaution the cooling time must be take longer time than tempered glass, which means the compression strength is lower.

3. 5MM Heat Strengthened Glass is NOT a safety glazing by building code, but this breakage pattern prevents the glass from falling and injuring someone. In the end, 5MM heat-strengthened glass is approximately twice as strong as 5MM float glass, or untreated glass.



### **Application of 5MM Heat-Strengthened Glass:**

Can be applied on processing for laminated glass, The most application is for glass curtain wall, glass railing etc.

### **What is advantage of Heat Strength Glass?**

1.Heat-strengthened glass don't exist spontaneous explosion.

2. It is a typically specific glass when additional strength is needed to resist wind pressure, thermal stress.

3. when broken occurred, the glass fragments are more similar in size and shape to annealed glass fragments and thus tend to stay in the opening longer than fully tempered glass particles

### **Production:**



### **Packing:**

