

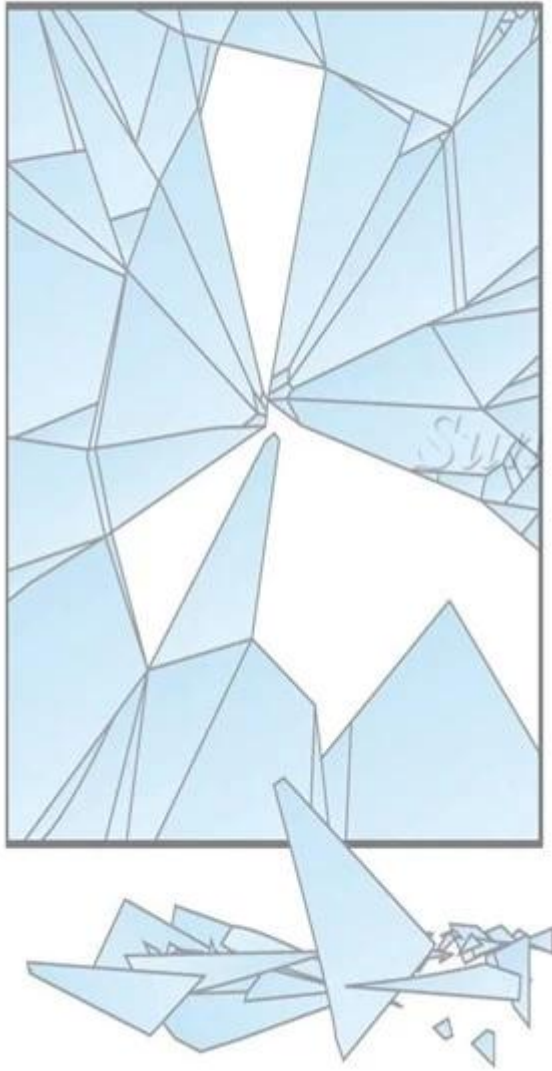
## **10mm heat strengthened glass-No spontaneous risk glass**

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

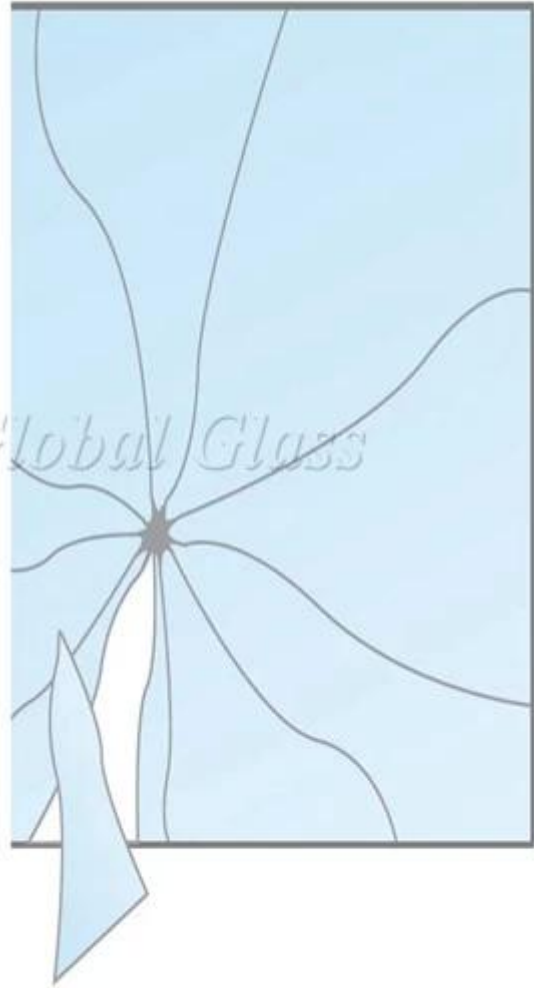
Features of heat strength glass:

1. its mechanical strength is about 1.6-2 times than annealed glass.
2. Heat strength glass has perfect thermal stability, the flatness of light transmission is close to annealed glass. The flatness of heat strength glass much better than tempered glass.
3. Heat strength glass is not exist spontaneous breakage

FLOAT GLASS



HEAT-STRENGTHENED GLASS



### **Heat soak tempered glass VS half tempered glass**

Heat soak tempered glass is treated by tempered glass in a certain temperature, It is aimed to lower down the spontaneous risk of tempered glass. It is a kind of safety glass. The breakage does not harm to human body. Half tempered glass is similar to heat soak tempered glass in spontaneous. Heat soak has an extremely low rate of spontaneous break. But half toughened does not exist the risk of spontaneous glass.

### **Application of 10 MM Heat-Strengthened Glass:**

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

### **The difference between heat strength glass and tempered glass**

#### **1. Strength**

Heat strength is 2 times stronger than annealed glass in the same size and thickness

Full tempered glass is 5 times stronger than annealed glass in the same size and thickness

#### **2. Safety**

Heat strength glass is not safety glass, the fragments are sharp. It will do harm to the human body.  
Tempered glass is a kind of safety glass. The fragments are not sharp.

### 3. Spontaneous breakage

Heat strength glass does not exist the risk of spontaneous  
Tempered glass has the risk of spontaneous

### 4. Surface compression

The compression of heat strength glass is about 60kpa-90kpa  
Full toughened glass is about 11kpa to 20kpa

### **Product Details:**





**Packing:**



