

15MM Heat Soaked Tempered Glass--Perfect Safety Glass Solution For Buildings

Through the processing of hardening anneal glass' structure to be made with internal stresses, comes with a result in increased bending strength, that is called tempered glass or toughened glass. It is a kind of safety glass. Because when it occurs breakage, the glass sheet will become into small particles with blunt edges, compare to anneal glass, it reduces the injury to people. This feature makes toughened glass have been widely used in places particular responsibility, a high risk of breakage or subject to strong sunlight would cause a significant increase in thermal stresses.

During float glass production processing, there is a risk weight of glass nickel sulphide inclusions. It can cause an increase in internal stress of tempered glass, which can ultimately lead to spontaneous rupture. Although this phenomenon is extremely rare, it still existed there. Thus Heat Soak Test is very necessary and useful solution to improve safety.

SGG HST toughened glass Specification:

- 1.Glass thickness: 4mm, 5mm, 6mm, 8mm, 10mm, 12mm, 15mm, 19mm
- 2.Glass type: [clear float glass](#), [tinted glass](#), reflective glass, ultra clear float glass, frosted glass, [silkscreen glass](#), Low-E glass, etc.
- 3.Max width: 8 meters
- 4.Max length: 3.3 meters



SGG 10MM HST Tempered Glass Features:

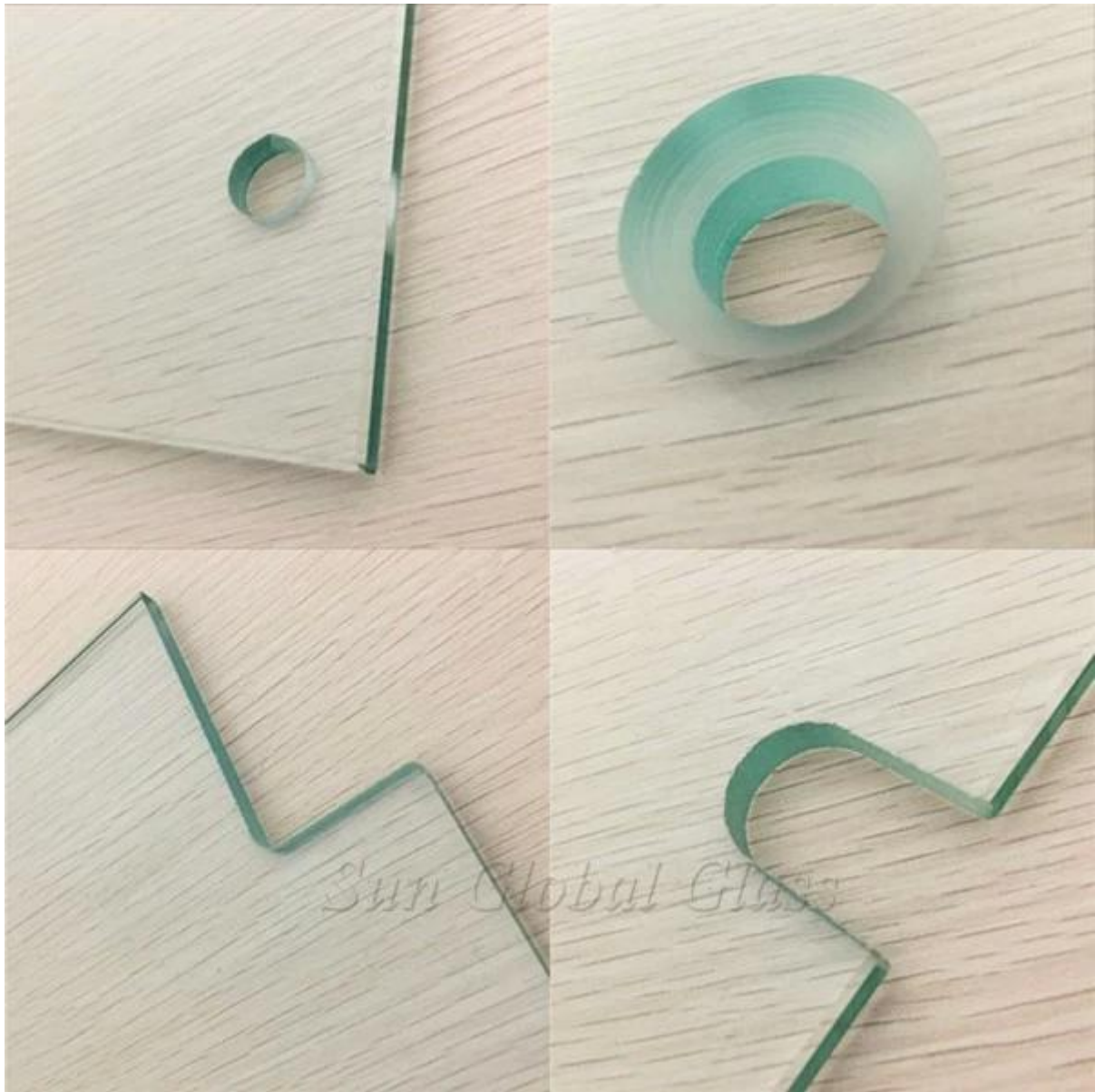
1. Five times higher bending strength compare to 10MM clear float glass.
2. Good resistance performance to thermal shock or rapid changes in the ambient temperature which the heating is caused by solar radiation.
3. Reduce the risk of injury when it is broken.
4. To reduce tempered glass' spontaneous rupture, let your building to be more safe.

SGG Heat Soaked Toughened Glass Processing Services:

1. Customized sizes or shapes which are measured by the construction site. Shapes of rectangles, polygons, arc, and circles, and so on.

2.Cutout/ drill hole, polished edge,

3.Coated with silicon coatings or enameled, silk screen painted, etc.



HST Toughened Glass Quality Standard Quality:

1. comply with EN12150 European tempered glass standard
2. comply with ASTM1048 American Standard
3. conform with GB 9963-1998 Tempered Glass Standard
4. conform with GB 17981-1999 Chinese Standard Tempered and Heat-Strengthened Glass
5. Comply with Chinese Safety Glass Compulsory Certification (CCC), IGCC,CSI.

Heat Soaked Glass Production Machine:



Our Packing:

