

SGG 21.52MM Laminated Heat Soaked Toughened Glass Supplier and Manufacturer in China

Heat soaked process is to reduce the risk of spontaneous breakage of [tempered glass panels](#). To avoid of nickel sulfide (NiS) inclusion caused self-exploding in toughened glass, put glass in a heat soaking chamber for several hours at high temperature of 290°C. With this reinforced process, the glass panels contains NiS inclusion will broken in the chamber, instead of spontaneous broken after installed to buildings or furnitures. Heat soaked test could cause 93% tempered glass that contains NiS inclusions broken.

All kinds of tempered glass can be conducted with heat soaked process.

21.52mm Laminated heat soaked toughened glass is made of two panes of 10mm tempered glass plus 1.52mm PVB in the middle. The PVB is adhesive and elastic, to prevent glass break through. When tempered glass broken, those small glass fragments will be captured onto the film, instead of fall on to the ground. And the broken [laminated glass](#) is still a complete shape in window frame, provide continue protection before replacement arrived.

Heat Soaking Glass vs [Toughened Glass](#)

1. Toughened glass has about 3‰ rate of spontaneous breakage, it occurs at uncertain time and place. Heat soaked glass is to reduce the spontaneous breakage before arriving at the field.
2. Heat soaked glass is possibility of lower strength than toughened glass.
3. Heat soaked glass can not totally avoid of spontaneous breakage.

Specifications of heat soaked laminated glass 21.51mm:

- Thickness: 21.52mm (10mm HST tempered glass + 1.52mm PVB + 10mm HST tempered glass)
- Color: clear, extra clear, frosted, tinted colors, printed color and pattern
- Size: custom size, maximum 8 meters in length
- Other thickness: 13.14mm, 13.52mm, 17.52mm

Applications of heat soaked laminated glass 21.51mm:

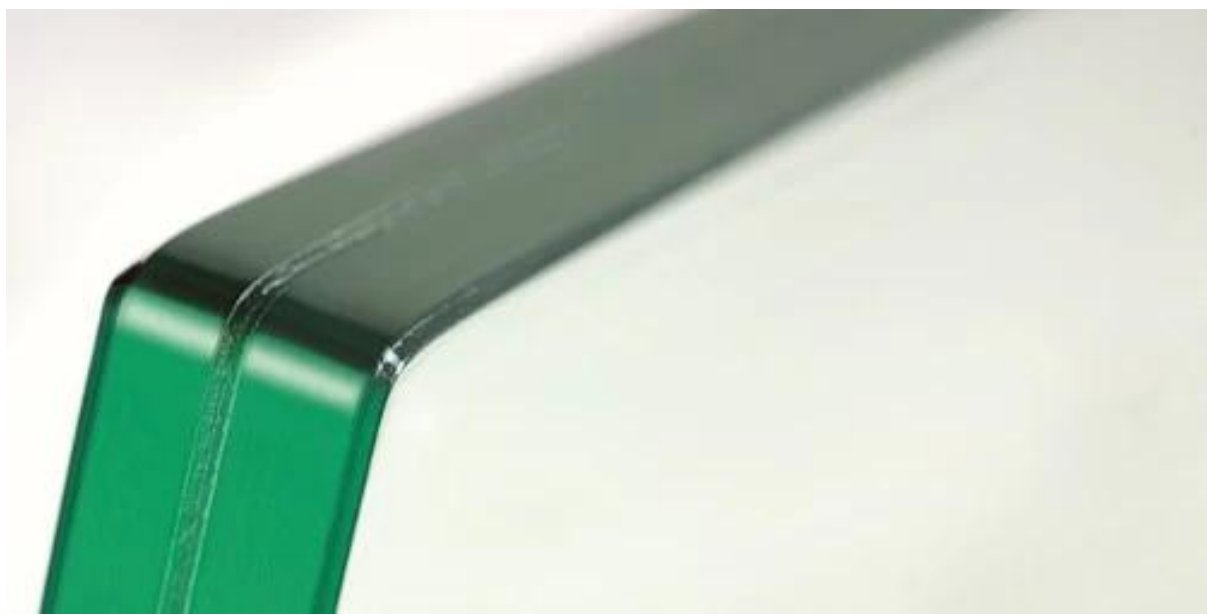
- glass balustrade / glass railings / glass fence / glass handrail
- glass roof / glass skylight
- glass facade / glass curtain wall
- other glass glazing for high rise building

Quality of heat soaked laminated glass 21.51mm:

- EN standard
- CE mark
- ISO 9001-2015

Details of heat soaked laminated glass 21.51mm:

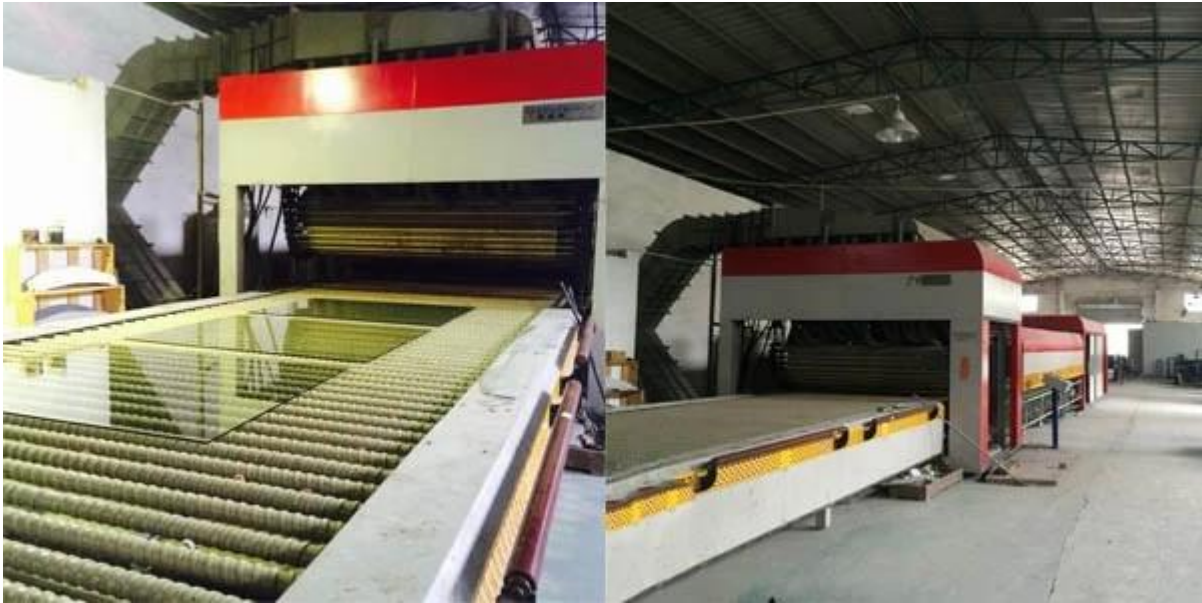
Product Pictures



Tempered Glass Spontaneous Breakage



Production Line:





Package and Loading:



