

## **SZG- Building Glass Manufacturer- 13.14MM HST Tempered Laminated Glass**

**13.14mm clear tempered glass heat soaked laminated glass** (1/2 inch heat soaked clear laminated glass) is made by two pieces of [clear 6mm heat soaked tempered glass](#) (clear HS toughened glass) inserted by 1.14mm clear PVB film. After heating and high pressure in the high-pressure autoclave, the two pieces of glass panels are tightly glued together by the PVB film. Heat soaked test laminated is a kind of safety glass which has all advantages of tempered laminated glass. But the difference is that heat soak tempered laminated glass can avoid self-explosion after installation because of the heat soaked test.

**13.14mm clear HS tempered laminated glass images:**



*Sun Global Glass*



### **What is heat soaked test?**

Heat soaked test (HST) is a process after the glass is tempered. The glass will be put into the heat soak oven after being tempered and heated to the temperature of  $290^{\circ}\text{C} \pm 10^{\circ}\text{C}$ . And then keep it at the temperature for a certain period of time. The tempered glass with high nickel content could be artificially broken in the heat soak oven, so that it can avoid self-explosion of tempered glass after installation.

### **Notice:**

All processes such as drilling holes, polishing edge, rounding corners, cutouts, cutting notches, etc. must

be finished before being tempered, heat soaked test and then laminated.

### Production Line:



### Advantages of 13.14mm HS tempered laminated glass:

1.Security: When the laminated glass panel is broken, the debris will still stick to the film and won't fall off.

2.Because of the PVB film, laminated glass can block the sound transmission.

3.High Strength: 13.14mm HS tempered laminated glass is 4-5 times harder than 13.14mm non-tempered laminated glass.

4.Transparency, you can enjoy a good view when you look through 13.14mm heat soaked clear laminated glass.

5.The HS laminated glass has all advantages of [tempered laminated glass](#), besides, it can avoid risk of spontaneous broken.

### **Application:**

13.14mm clear HS toughened laminated glass is popularly used as following applications because of its security advantages.

1.Curtain wall and facades.

2.Roof, skylight.

3.Balustrade, railing, handrail, balcony.

5.Can be used as shopfront glass. etc.





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Professional glass supplier

## Quality standards:

SZG - Heat soaked tempered laminated glass are produced strictly in accordance with the requirements of the ISO 9001 quality management system certification and also meets the following quality standards.

1. Chinese Safety Glass standard (CCC).
2. BS 6206 certificate of UK safety glass standard.
3. European safety glass standard: EN EN 14449 certificate (CE).
4. USA laminated safety glass standard: SGCC certificate.



## Specifications:

Product name: 13.14mm clear heat soaked laminated glass

Combinations: 6mm clear HS tempered glass+ 1.14mm PVB+ 6mm clear HS tempered glass

Colors of glass for choice : Blue laminated glass, grey laminated glass, bronze laminated glass, green laminated glass, ultra clear laminated glass, etc..

Available colors of PVB interlayer : Euro grey, dark grey, ford blue, dark blue, bronze, other customized colors.

Maximum Size: 3.3M\*12M



Delivery: 7-15 days, urgent services are available.

### **Packing & Loading:**



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