

# **China 12.76mm Clear Tempered Laminated Glass Manufacturer**

## **About 12.76mm Clear Tempered Laminated Glass**

12.76mm Clear Tempered Laminated Glass is made up of two pieces 6mm clear tempered glass permanently bonded together with 0.76mm PVB interlayer via a controlled, highly pressurized and industrial heating process. The lamination process results in the glass panels holding together in the event of breakage, reducing the risk of harm. Laminated Glass is classified as Grade A Safety Glass.

## **12.76mm Clear Tempered Laminated Glass Characteristic**

### **High Security**

When laminated glass is attacked by outside force, it is hard to be penetrated because PVB film has strong tenacity and can absorb and weaken a mass of striking energy. Even if it's broken, the splinters will stick to the interlayer and not scatter.

### **Sound Insulation**

PVB film is a kind of organic material and it can block sound waves. Therefore, the laminated safety glass offers better sound insulation performance than the pure glass with the same thickness.

### **Create aesthetic sense to building**

Laminated glass will beautify the buildings and harmonize their appearances with surrounding views which meet the demand of architects.

## **12.76mm Clear Tempered Laminated Glass Specification**

Composition: Made up with two pieces 6mm clear tempered glass with two layers clear PVB

Size: max 3000\*8000mm, mini 150\*300mm, any customized size could be produced

Polish edges, drill holes, cut safety corners, cut notches, cutouts, all the processing could be done, but need to finish before tempering.

## **12.76mm Safety Laminated Glass Most Often Use As Below Application:**

- Glass balustrade, railing, balcony, stair handrail
- Glass office partition wall, storefront, shopping mall pillars
- Exterior skylight, roof, canopy, long corridor
- Many Others.

### **Security Laminated Glass Quality Standard**

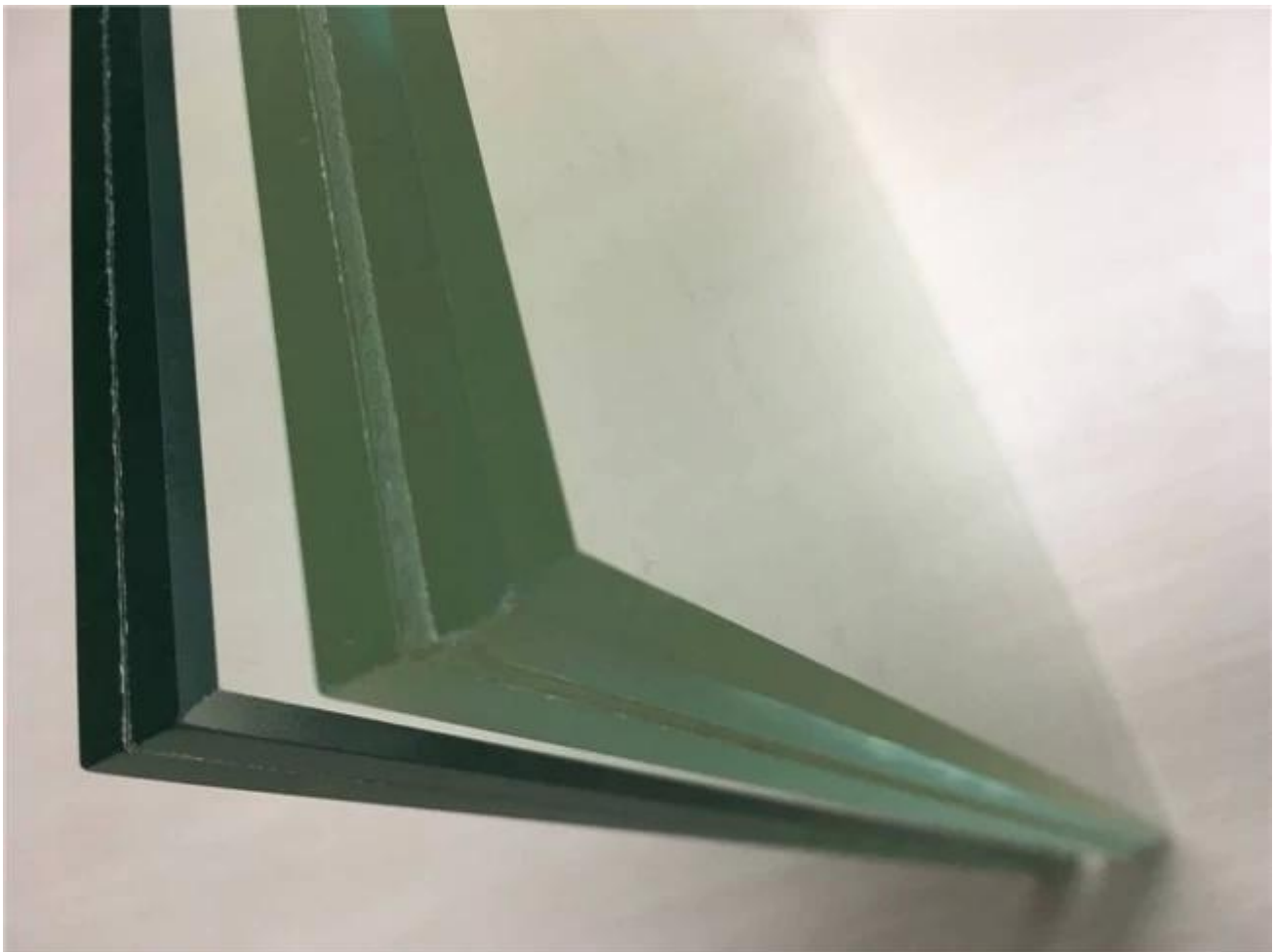
In accordance with GB15763.3, Chinese standard

In accordance with EN12543, European standard

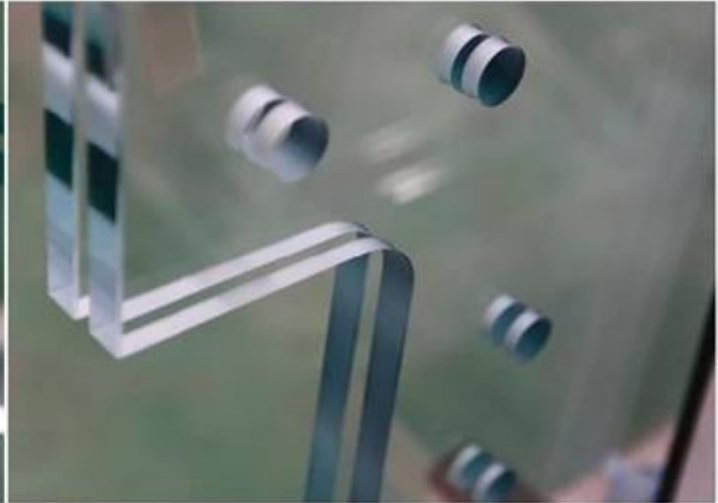
In accordance with ANSI Z97.1, American standard

In accordance with AS/NZS 2208, Australian standard

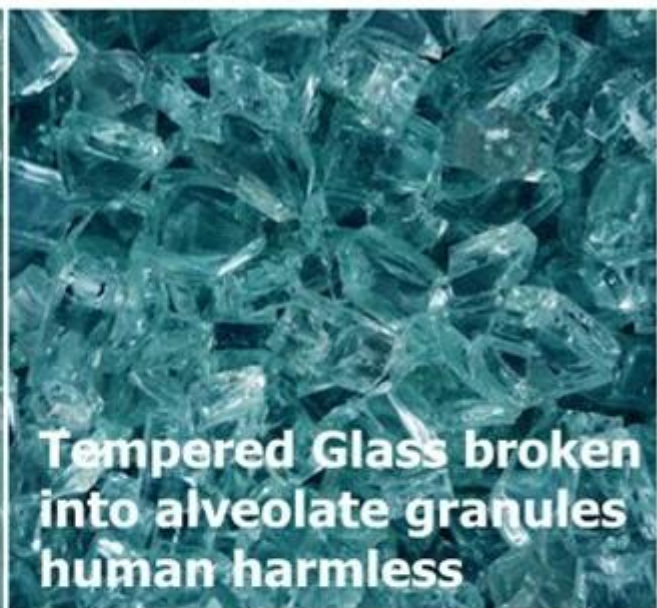
### **See Through Edges From Normal Clear and Ultra Clear Tempered Laminated Glass**



### **Security Glass with Cutouts and Holes**



### Difference When Glass Broken



### Tempered Laminated Glass Production Plant



**Tempered Laminated Glass Safety Loading**

