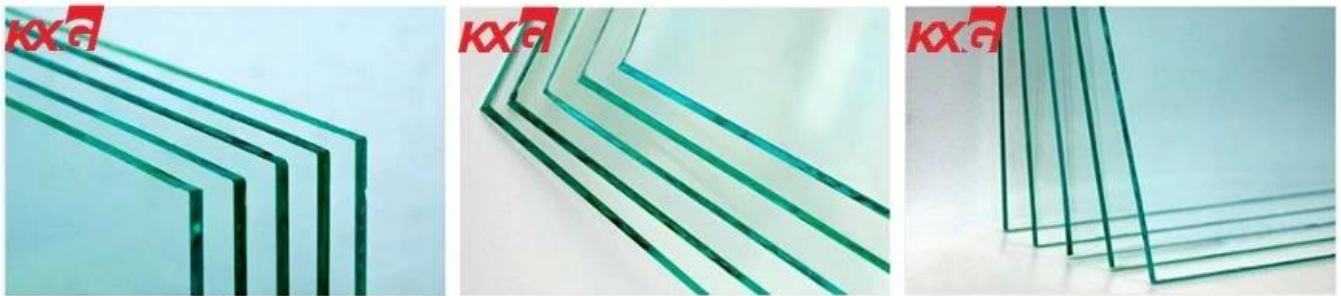


# Kunxing 6mm clear tempered glass, door windows safety glass, China safety building glass factory

## [Tempered Glass](#) Introduction

Tempered glass also name Toughened Glass, is fabricated by heating annealed glass to over 600°C and cooling it rapidly, which locks the outer surfaces of the glass in a state of high compression, and the core or center of the glass in compensating tension. It is a safety glass which is used when strength, thermal resistance and safety are important considerations.



## Characteristic

### High Strength

The tempered glass performs well in resisting bending and hitting owing to its high strength which is 3-5 times that of normal annealed glass. It is able to withstand a surface pressure of 95Mpa.

### High Safety

When the tempered glass is broken, it turns into alveolate granules with obtuse angles, which guarantee safety to make sure human harmless, and the toughening process greatly reduces the risk of thermal breakage to ensure less loss.

### Heat Stability

The tempered glass is capable of withstanding a temperature change of 250 to 320°C while normal annealed glass can only bear 20 to 100°C.

Items	Tempered Glass	<a href="#">Semi-tempered Glass</a>	Normal annealed glass
Safety	Best	General	None
Intensity	152Mpa	/	30-90Mpa
Thermal Stability	250-320°C	100°C	20-100°C
Surface Stress	95Mpa	24-69Mpa	/
Broken State	Obtuse-angle grain	Shooting-broken	Sharp

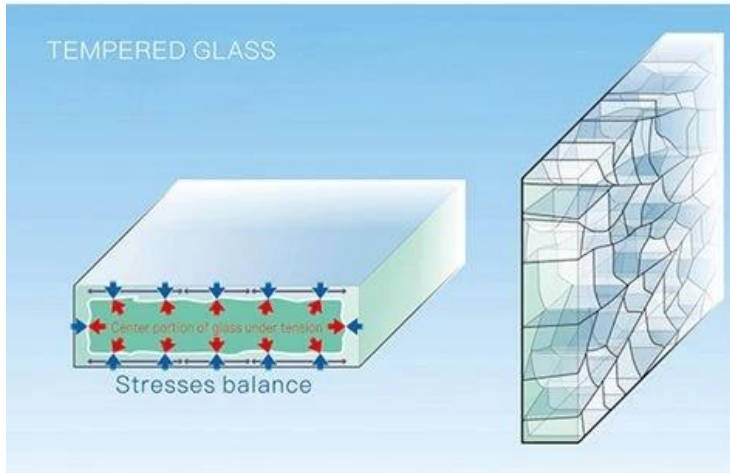
Compare normal glass with toughened glass  
钢化玻璃与普通玻璃比较

Toughened principle Surface of glass in  
compression(> 10,000 psi)  
钢化玻璃玻璃在压缩面 (> 10000 psi)

Toughened glass broken into small cubical fragments  
high safety human harmless.

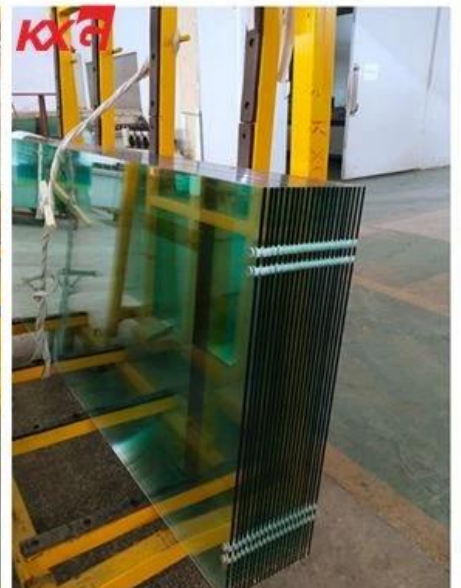
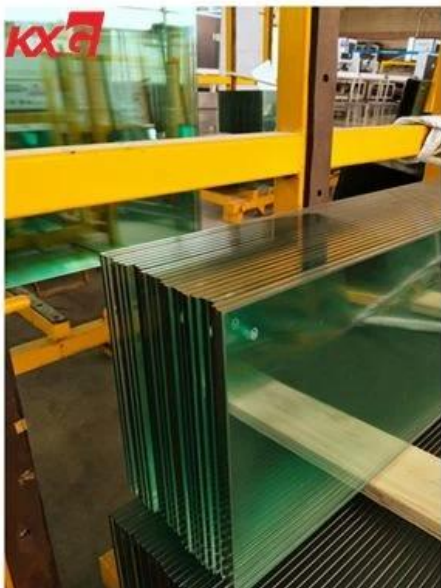


Normal glass broken into big and sharp fragments  
easy hurt human.



The comparison between tempered glass, heart strengthened glass and normal glass  
钢化、半钢化与普通玻璃的性能比较 (安全性、强度、热稳定性、破碎状态)

Product	Tempered Glass
Thickness	4mm,5mm,6mm,8mm,10mm,12mm,15mm,19mm,22mm,25mm
Available Size	Min Size:300*300mm Max Size:3300*13000mm
Color	Clear,ultra clear,blue,green,gray, bronze,etc
Application	Door,windows,partition wall,building curtain wall,skylight,table top,shower room, etc
MOQ	100sqm





## **KXG Production Line of 6mm Tempered Glass**



## **KXG Strong Plywood Crate Packing**

