

Cut to size clear [12mm tempered glass](#) ,CE Certificate 12mm clear toughened glass factory

About Toughened Glass

Toughened glass, also Tempered 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

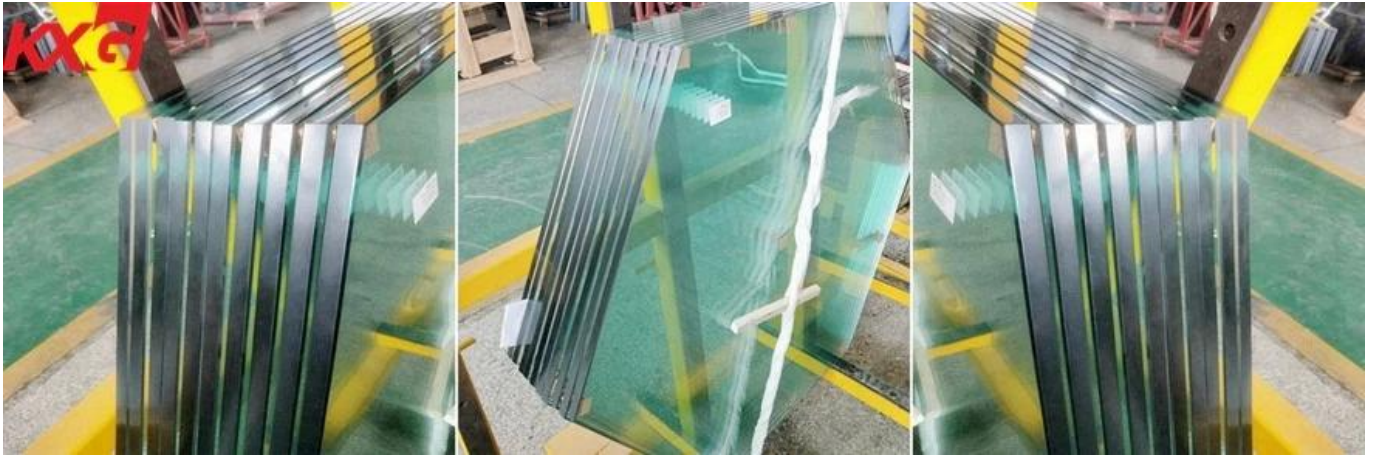
The tempered glass performs well in resisting bending and hitting owing to its high strength which is 3-5times that of normal annealed glass. It is able to withstand a surface pressure of 95Mpa.

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.



Specification

12mm clear toughened glass available size: Maximum 3000*8000mm, Minimum 150*300mm

All the processing done on the 12mm clear toughened glass like beveling, cutting, drilling, etc. must be done before tempering.

Edge work

Any edges could be done perfectly on 12mm clear toughened glass, like flat polished edge (T edge), pencil edge (C edge), beveled edge, ogee edge, matt edge, corner round edge.

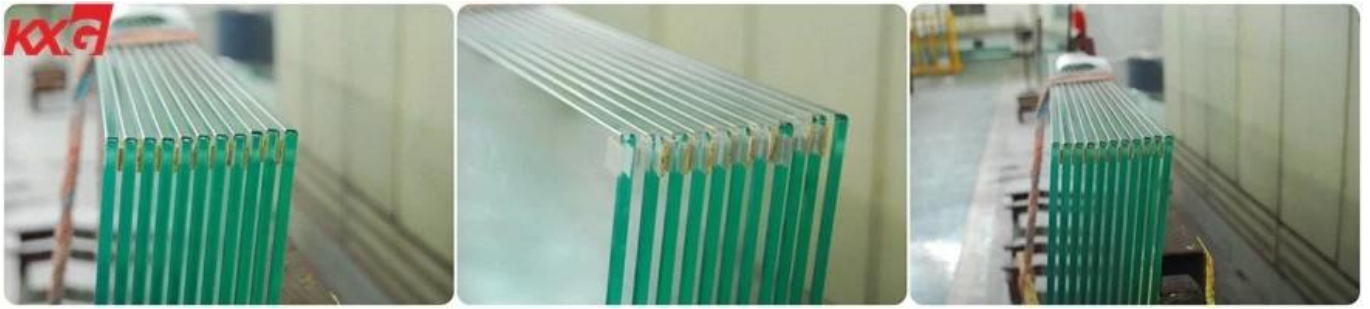


Holes and notches

Tempered glass can be supplied with drilled holes (no matter straight or conical) and cut notches. We will consider hole and notch locations and size according to your drawings.

Shapes

Except rectangle 12mm clear toughened glass, kunxing Glass also could do shape 12mm clear toughened glass, like round , Trapezoid, parallel, etc.



Application

- Glass Balustrades
- Glass skylight
- Glass canopy
- Shower Screens
- Furniture like table tops
- Many Others.



KXG 12mm clear toughened glass production line

