

SGG 6mm dark green tempered glass- CE/ BS 6206 Standard Quality

6mm dark green tempered glass is made of [6mm dark green float glass](#). It's produced by cutting the 6mm dark green float glass into customized size and cold treatment processing such as grinding edge or drilling holes, etc. And then let the glass pass into tempered furnace, which the temperature is nearly glass softening point of 700 degrees, then cooled rapidly. After being tempered, the glass sheets would be about 4~5 times harder than before. What's more, it would be more secure than before, because the glass sheet will become small particles with blunt edges when it's broken, so that it can reduce the injury to people. Because of this feature, the tempered glass has been widely used.

Please note that tempered glass can not be cut any more, even grinding edges, or other processing. Thus all design details of toughened glass must be confirmed before mass production. Like edge polishing, drilling holes, cut outs, etc.

Features:

- 1.Strength: Compared to [6mm dark green float glass](#), 6mm dark green tempered glass is about 4~5 times harder. It has higher strength, can withstand heavier impacts and load heavier weight
- 2.Safety: when 6mm dark green tempered glass is broken, it will become small cubic pieces and reduce the injury to people
- 3.Heat Stability: 6mm dark green tempered glass can withstand a temperature range of 250°C to 320°C.
4. Solar control: 6mm dark green tempered glass can effectively reduce heat transfer and sunlight control.
5. Deep process: 6mm dark green tempered glass can be processed to laminated glass, insulated glass.
6. All processing such as polishing edge, rounding corner, drilling holes, cutout, cutting notches, etc. must be finished before being tempered.

Applications:

Tempered glass is defined as toughened glass that has been treated by heat or chemicals to increase its strength. Thus it has many benefits and usage which makes it a popular glass used in many home and commercial building projects.

1. 6mm dark green tempered glass can be made of windows, doors
2. 6mm dark green tempered glass can be used as table tops, table covering, glass shelves
3. 6mm dark green tempered glass can be laminated, and insulated so it can be used for Curtain wall, glass facade, railings, roof, balustrade, glass partition walls, balcony and so on.
4. 6mm dark green tempered glass can be insulated to be sound proof glass and heat control glass.

Specifications:

Sun Global Glass supply tempered glass with full range of colors, thickness and glass substrates.

Glass type: 6mm dark green tempered glass

Other name: 6mm dark green toughened glass, 6mm green tempered glass, 6mm green toughened glass

Other color: clear, bronze, grey, blue, etc.

Thickness: 4mm 5mm 5.5mm 6mm 8mm 10mm

Size: Min size 300X300mm, Max size 3300X12000mm, customized size

Package: strong exportation wooden crates

Quality:

1. Conforms to the standards of Europe, North American and China: ISO, CCC, CE, BS6206, EN12510.
2. High strength and puer clean surface. Select 40% of high quality ford blue glass for tempering.
3. Excellent work on details: smooth edge polishing, drilling holes tolerance +/- 0.9mm
4. Strong wooden crates package.

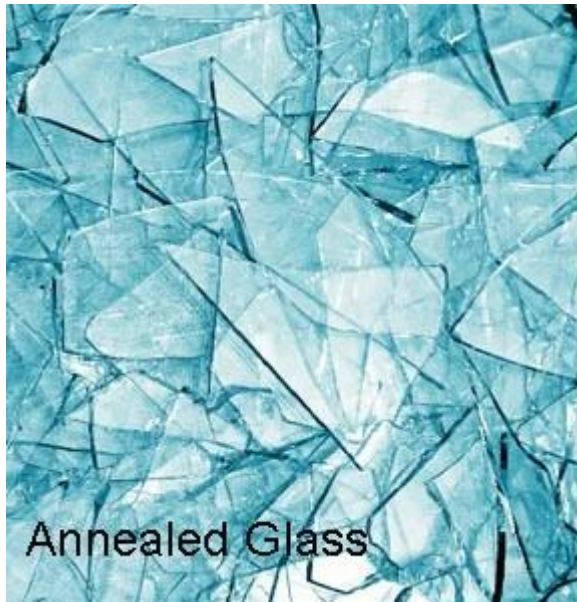
Product Details:

Product pictures of 6mm dark green tempered glass:



Differences between Annealed Glass and Tempered Glass:

1. 6mm dark green tempered glass reduces the risk of injury due to its nature of breaking into small, circular pieces instead of sharp, jagged shards.
2. 6mm dark green tempered glass windows is ease of clean-up after being broken.
3. 6mm dark green tempered glass is 4~5 times strength than [6mm dark green float glass](#).



Annealed Glass

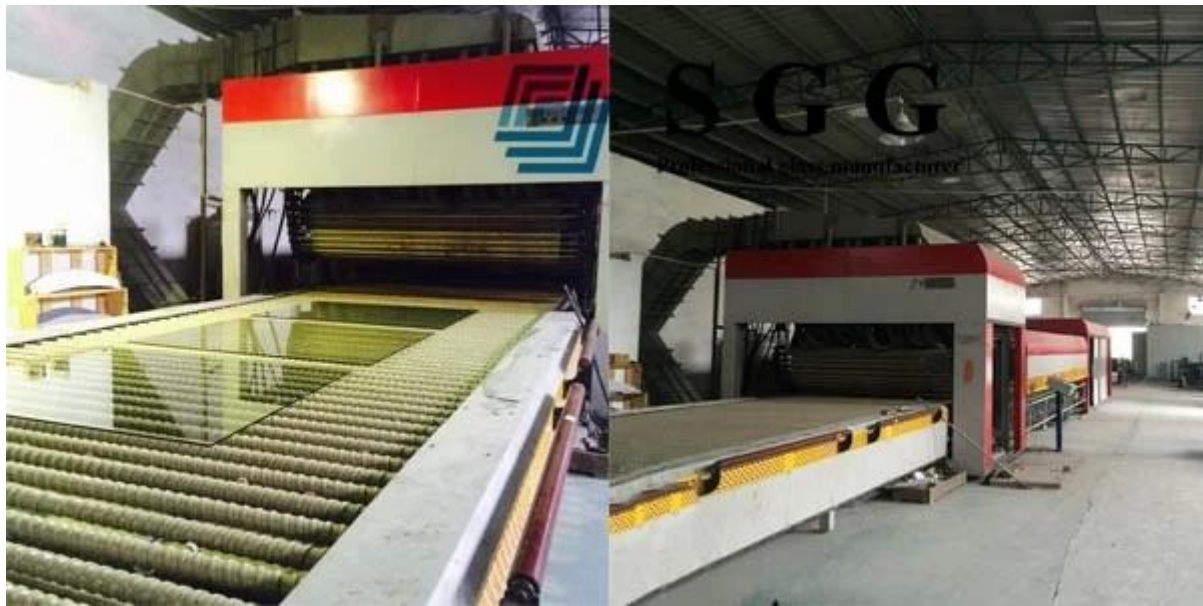
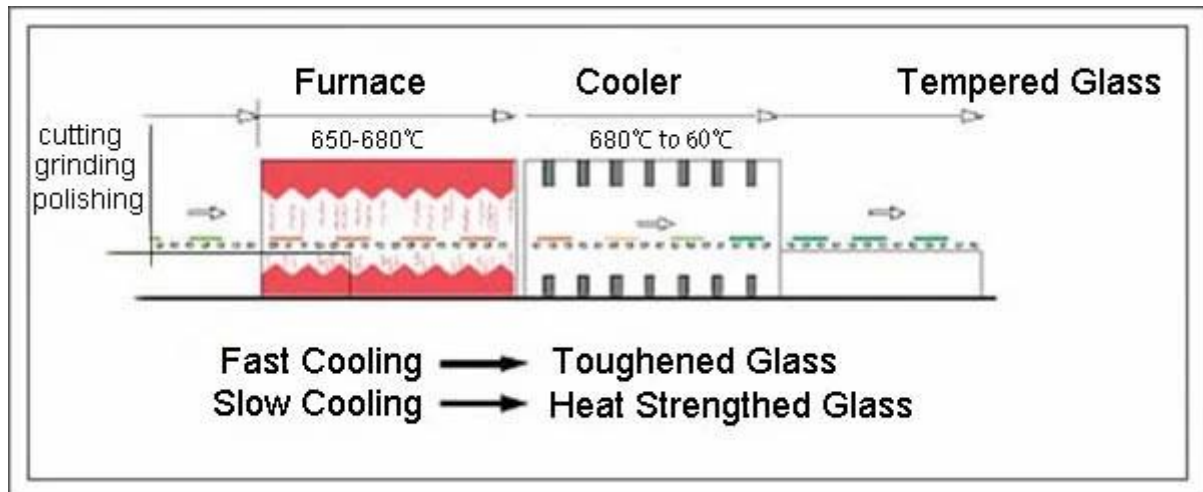


Broken Pattern for Tempered Glass

Holes and Cut outs:



Production Line:



Package and Loading:

