

## **SGG 8mm Euro grey toughened glass- CE/ BS 6206 Standard Quality**

8mm Euro grey toughened glass is made of [8mm Euro grey float glass](#). It's produced through cutting the 8mm Euro grey 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 5 times harder than before. The 8mm Euro grey toughened glass is a kind of safety glass, because the glass sheet will become small particles with blunt edges when it's broken. Compared to anneal glass, it's more secure and it can reduce the injury to people.

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.High Strength: Compared to [8mm Euro grey float glass](#), 8mm Euro grey toughened glass is 5 times harder. It has higher strength, can withstand heavier impacts and load heavier weight.
- 2.High Safety: 8mm Euro grey toughened glass can reduces the injury to people because it will become small cubic pieces when it's broken.
- 3.Heat Stability: 8mm Euro grey toughened glass can withstand a temperature range of 250°C to 320°C.
- 4.Transparency: 8mm Euro grey toughened glass can reduce 80% of the transmission of harmful ultraviolet radiation.
- 5.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 uses which makes it a popular glass used in many home and commercial building projects.

1. 8mm Euro grey toughened glass can be made of glass shelves, table top, table coverings.
2. 8mm Euro grey toughened glass can be used for windows and doors, glass balcony breast board, partition walls, railings, fences, etc.
3. 8mm Euro grey toughened glass can be laminated with another glass panel, to be a tempered laminated safety glass for glass railings, stairs, glass roof, glass wall.
4. 8mm Euro grey toughened 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.

1. Glass type: 8mm Euro grey toughened glass
2. Other name: 8mm Euro gray toughened glass, 8mm light grey tempered glass, 8mm Euro grey tempered glass, 8mm gray tempered glass, etc.
3. Thickness: 8mm
4. Thickness range: 4mm, 5mm, 6mm, 8mm, 10mm
5. Size: Oversize, customized size (minimum: 300mm x300mm, maximum length: 9000mm)
6. Glass processing services: polished edge, round corner, drill holes, cut notches, cutout, etc.
7. Colors available: ultra clear, clear, green, blue, bronze, printed colors, frosted.

## **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.

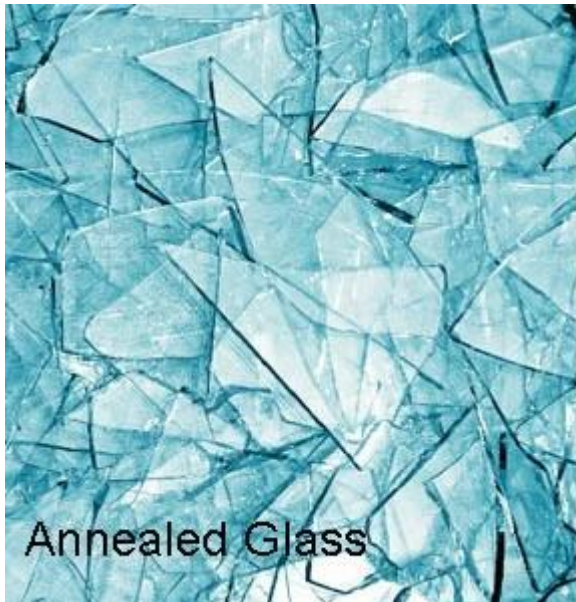
## **Product Details:**

**Product pictures of 8mm Euro grey toughened glass:**



### **Differences between Annealed Glass and Tempered Glass:**

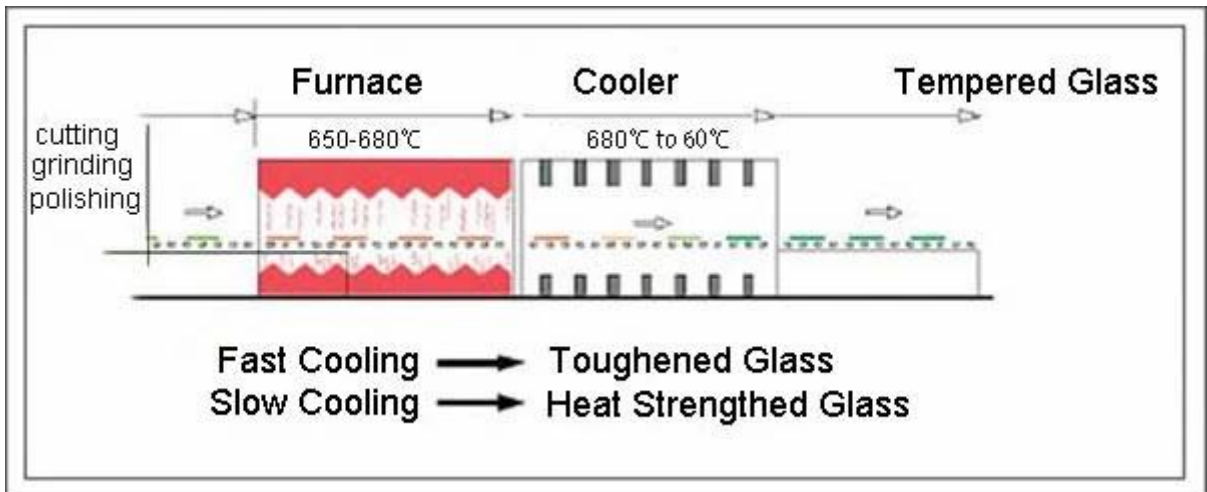
1. 8mm Euro grey toughened glass reduces the risk of injury due to its nature of breaking into small, circular pieces instead of sharp, jagged shards.
2. 8mm Euro grey toughened glass windows is easy to clean-up when it's broken.
3. 8mm Euro grey toughened glass is 5 times stronger than [8mm Euro grey float glass](#).



**Holes and Cut outs:**



**Production Line:**





**Package and Loading:**

