

## **SGG 6MM TRANSPARENT TOUGHENED GLASS- Solid and Strengthened Safety Building Glass**

6mm Clear Toughened Glass is a type of heat strengthened glass which is cut out from [6mm clear anneal glass](#). thus is a customized glass product which to be produced against drawings. Sun Global Glass factory produces custom size 6mm clear tempered glass with customized shape, before mass production we will issue CAD drawings for your confirmation about design details, such as: drilling holes, cutting notches, and edge work, and so on.

When all these works done, glass panels can be delivered to tempered glass furnace which the softening point can up to 700 degrees, then rapidly cooled, which let the outer surface of the glass in a state of high compression, and the core or center of glass in compensating tension. This production process make clear tempered glass to be a safety toughened glass than 4-5 times stronger than ordinary clear float glass. Normally different glass thickness has different heating time and cooling time, which is selected by equipment automatically .

### **Features:**

1. Strength: 6mm clear toughened glass is 4-5 times stronger than 6mm clear float glass, to reduce the risk of thermal breakage.
2. Breakage & Safety: when broken occurs on clear tempered glass 6mm, it will break into small cubic fragments that can reduce harmless.
3. Cut & Polishing: all clear safety tempered glass 6mm can realize accurate cutting and measurements against CAD drawings, to meet the projects' requirements.

### **The Main Applications of 6mm clear toughened glass:**

- safety tempered mirror
- Transparent tempered glass window panels
- Furniture clear tempered glass covering
- Glass shelves/ glass shelf panels Clear louver tempered glass panel
- clear tempered glass shower enclosure
- Cabinet tempered glass doors
- 6.6.1 clear laminated tempered glass, that is, 6mm clear tempered glass+1.52mm PVB film+6mm clear toughened glass
- ...

### **6MM Transparent Tempered Glass Specifications:**

1. Glass size: Transparent toughened glass 6mm thickness max length can be up to 4 meters, customized

sizes are available.

2. Toughened clear glass 6mm edge work: Flat polished edge, chamber edge, beveled edge, waved edge, OGEE edge, triple OG edge, and others.

3. Drilling holes/ Cut outs options of 6mm clear toughened glass : holes diameter need to be bigger than glass thickness, to ensure hardware can afford the weight of the glass panel.

4. Edge works: 6mm transparent clear toughened glass can have round corner, polished edge, beveled edge, etc.

### **SGG Tempered Glass Production Standard Quality:**

1. comply with EN12150 European tempered glass standard

2. comply with ASTM1048 American Standard

3. conform with GB 9963-1998 Tempered Glass Standard

4. conform with GB 17981-1999 Chinese Standard Tempered and Heat-Strengthened Glass

5. Comply with Chinese Safety Glass Compulsory Certification (CCC), IGCC, CSI.

### **Product Details:**

