

SGG CLEAR TEMPERED GLASS 15MM- Safety building glass toughened and strengthened

Clear Tempered Glass is a customized products, we cut clear float glass as customer's requirements (such as size, edge polishing, drilling holes, cut outs, etc), then heat to glass softening point about 700 degrees. When cool down quickly, the glass is about 5 times stronger than annealed glass and it breaks into many small fragments (fully tempered). When the glass cool down slowly the fragments is twice stronger than annealed glass and the glass are linear more likely to remain in the frame. Please note once glass tempered, absolutely do not cut, grinding edges and other processing. We SGG will send CAD design to customers before producing. Once they confirmed all the details, we will start producing.

Features:

1. Strength: 15mm clear tempered glass is 5 times stronger than annealed glass. The toughening process reduced the risk of thermal breakage a lot.

2. Breakage & Safety: when broken occurs, clear tempered glass will break into small cubic fragments that do harmless to human body

3. Multiple functions: By change the glass substrate type, tempered glass could remain the features of this glass, meanwhile strength the glass. For example, low-e tempered glass, it is energy efficiency but also strong strengthened. It also can be laminated, insulated, and printed for specific requirements of different clients.

4. Cut & Polishing: We used CNC automatic cutting machine making cutting more accurate. It can fits all kinds of accessories because of its accurate edges, holes and cut outs. Our accurate cutting and measurements promoted the implementation of installers.

Applications:

1. 15mm clear tempered glass can be used directly for tempered glass window panel, furniture, louver, skylight, glass roof, glass wall and shower door screen etc.
2. 15mm clear tempered glass can be used for balustrade and curtain wall with highly safety;
3. Clear tempered glass 10mm can also be insulated, to be sound proof and heat control.

Specifications:

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

1. Glass colors: clear, extra clear, frosted, bronze, grey, green, blue, red, white, black, reflective glass colors, printed colors,

3. Glass size: minimum size 300x300mm, maximum size length 8000mm

4. Edge work: Flat polished edge, chamfer edge, beveled edge, waved edge, OGEE edge, triple OG edge, and others.

5. Drilling holes: When drilling holes, keep the holes diameter bigger than glass thickness

6. Cut outs: We used CNC automatic cutting machine making cutting more accurate. It can fit all kinds of accessories because of its accurate edges and cut outs.

7. Safe corner: we have nice edge polished beveled edge for corner reduce less harmful to human body.

Quality:

1. Conforms to the standards of Europe, North American and China: ISO, CCC, CE, BS6206, EN12510, ANSI Z97.

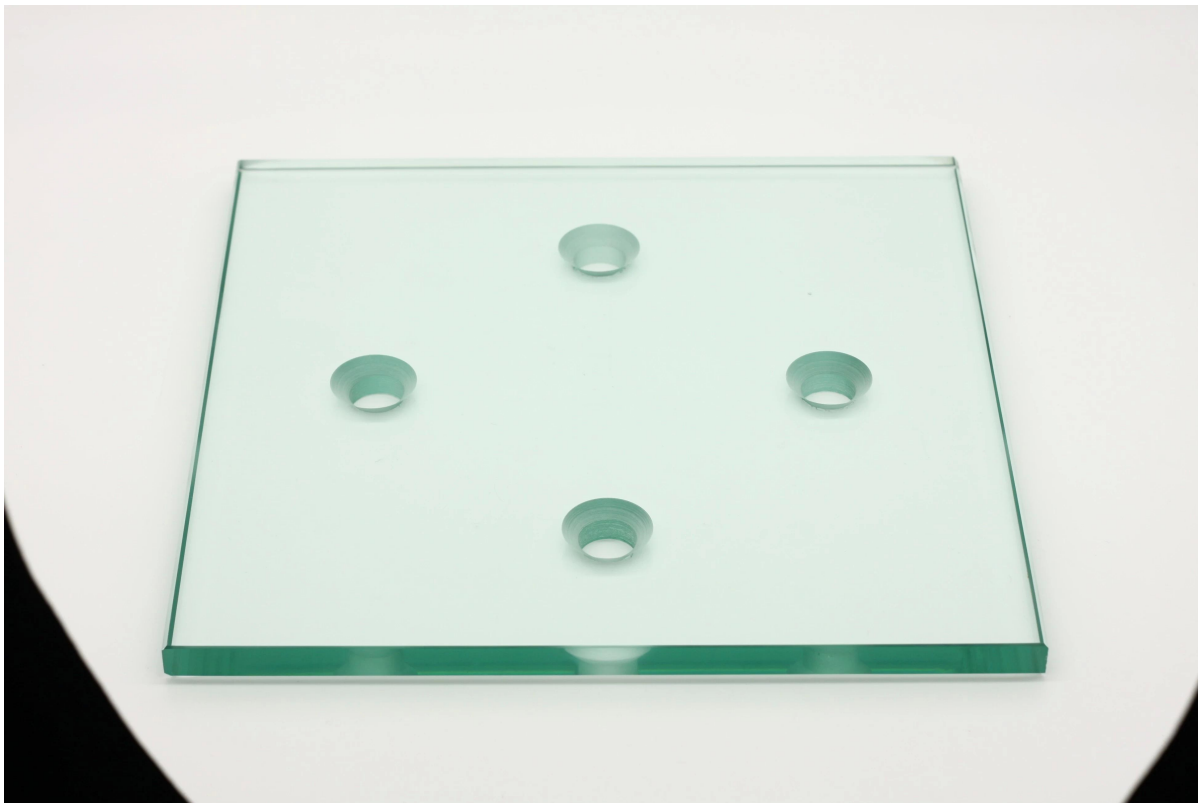
2. High strength and pure clean surface. Select 40% of high quality clear glass for tempering.

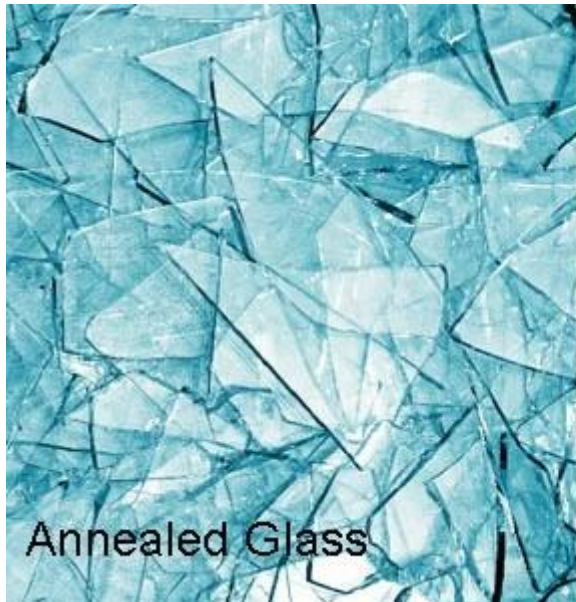
3. Excellent work on details: smooth edge polishing, drilling holes tolerance $\pm 0.9\text{mm}$

4. Strong exporter wooden package.

Product Details:

Product pictures of Clear Tempered Glass 15mm:

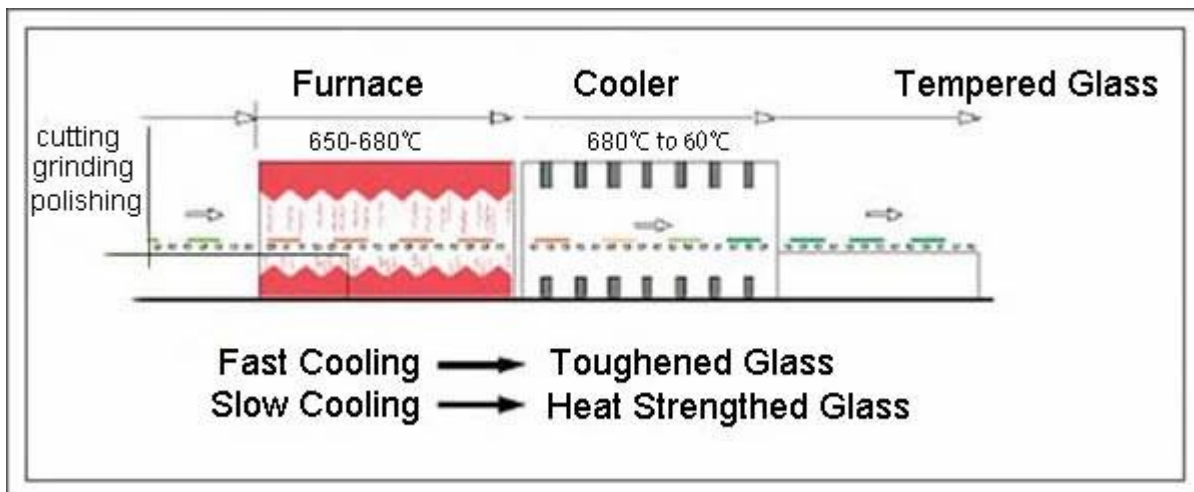


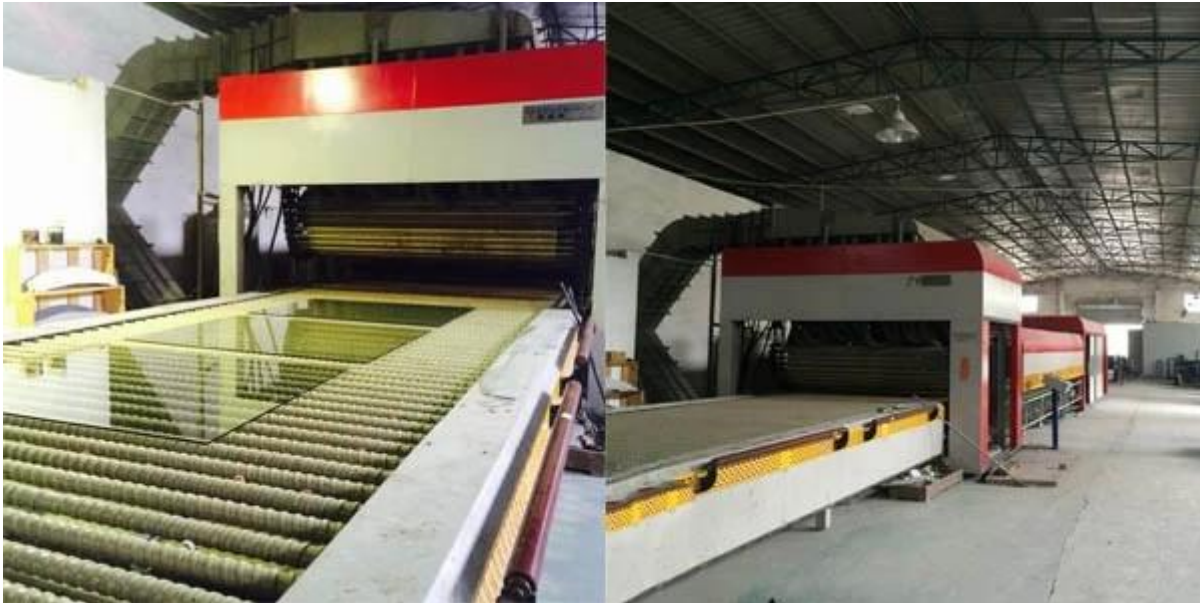


Holes and Cut outs:



Production Line:

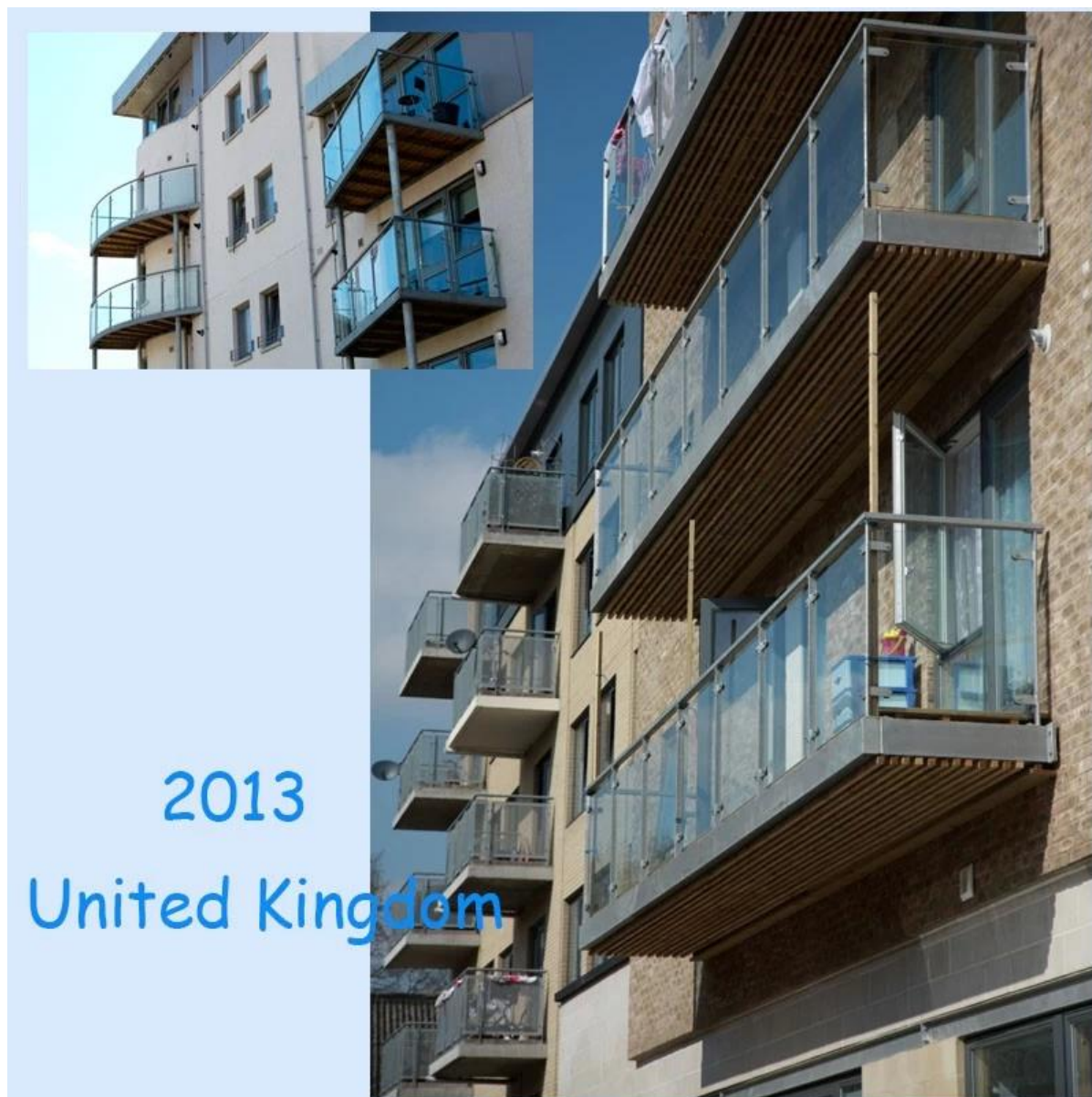




Package and Loading:



Our Projects:



Our promise is that you receiving clear tempered glass 15mm with high quality and safety condition from us.