



KINDLY  
GLASS & MIRROR



Qingdao Kangdeli Industrial & Trading Co.,Ltd

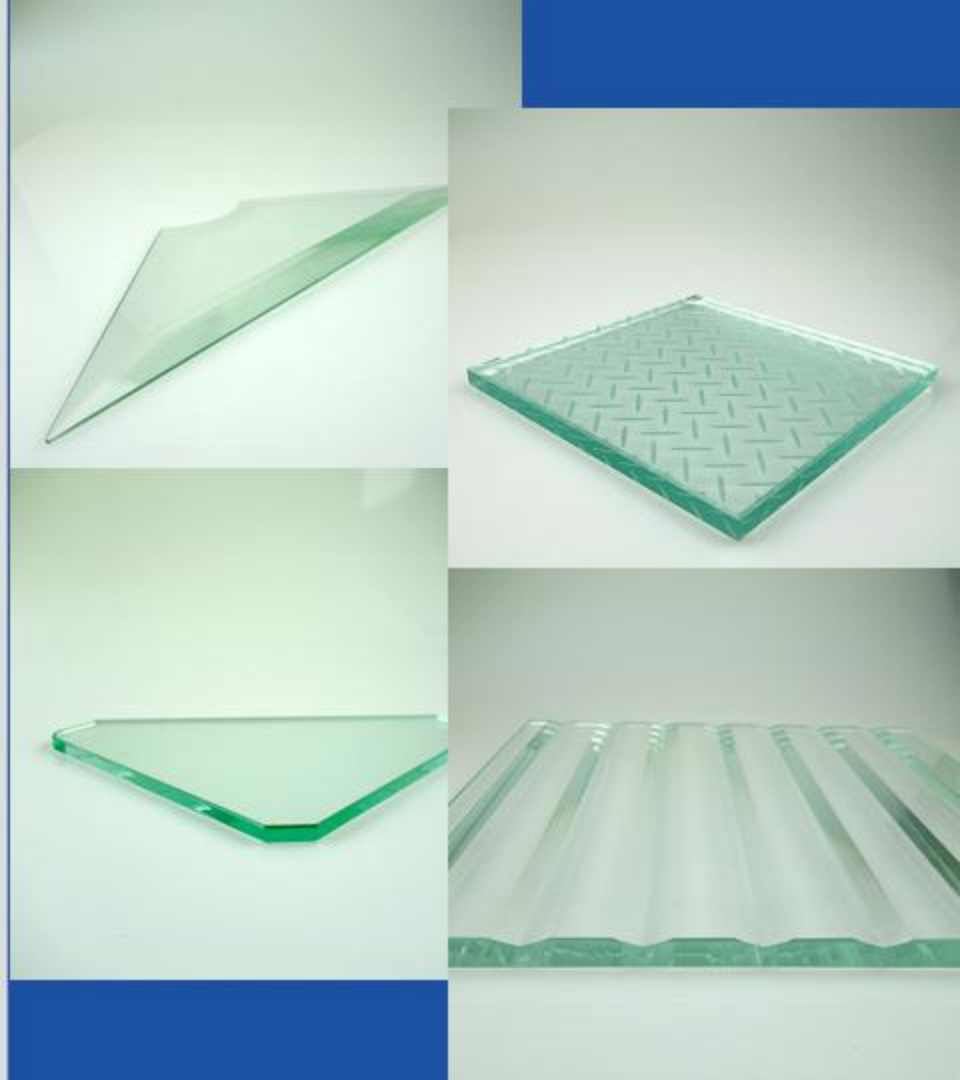


### Tempered glass / Toughened glass

is two or more times stronger than annealed glass. When broken, it shatters into many small fragments which prevent major injuries. This type of glass is intended for glass facades, sliding doors, building entrances, bath and shower enclosures and other uses requiring superior strength and safety properties.

## Application

1. Building: Glass Curtain Wall, Windows and Doors, Roof, Office Partition, etc.
2. Home Deco: Bathroom Glass, Table Glass, Glass Shelf, Splash Proof Kitchen Glass, Kitchen Cutting Board, Writing Board, Swimming Pool Glass, Railing Glass, etc.
3. Solar Photovoltaic: Ultra Clear Prismatic Cover Glass.
4. Aerospace Field: Air Craft Windshield Glass.
5. Ships: Cabin and Yacht Glass.
6. Optics: Laboratory Instrument Glass.
7. Automobile and Rail Transit: Windscreen, Platform Screen Glass.



### Processed Specification

1. 3D shape: C standard curved, multi-radius curved, moulded processed and J curved.

2. Flat shape: circular / triangle / square / rectangular / diamond / cylindrical / Pentagon / ladder / parallelogram / hexagon heptagon octagon / eight / nine / ten edge edge / irregular graphics / oval.

3. Edge work: flat, pencil, bevel, ogee, waterfall, convex edge.

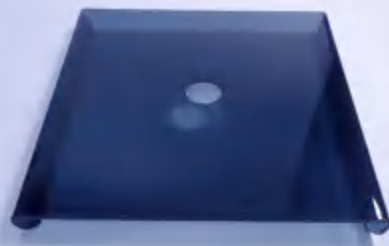
4. Surface: acid etched, ink printing, coated, lacquered, painted, mechanical grooving, preventing water spots, laser engraved, etc.

5. Corner work: fillet, chamfer, etc.

6. Cutout work: hole, notch, shape cutout, etc.

7. Glass color: clear, ultra clear, bronze, green, pink, grey, blue, etc.

8. J curved data: 450 x  $\sim$ 450mm to 2000x  $\sim$ 900mm fit for 5-8mm glass. Rmin: 450mm, Rmax: 10000mm.



## Bent / Curved tempered glass


Bent tempered glass refers to toughened glass with curved surface. It is the same as the production process of non curved tempered glass, but the difference is to increase the glass forming process.

The forming process of bent steel glass includes bending and hot bending. Bending is to press the hot glass into a certain shape by pressing film. Hot bending is to heat the glass to softening temperature to the bending die by its own weight, or to close to the air cushion heating furnace for forming.

The hot bending has the following forms: ① molding, making male mold and female mold according to the shape required by the curved surface, wrapping the mold surface with glass fiber cloth, and pressing the thermoplastic glass together, which is commonly used in the production of hanging plate; ② sink type, in the heating room, the thermoplastic glass is bent under its own weight and falls on the curved mold; ③ flexible bending roller type, which flexes according to the required curved surface The plastic roll is bent into the required shape, and the thermoplastic glass sinks on the curved roll by its weight. It can only produce toughened glass with single curved surface.

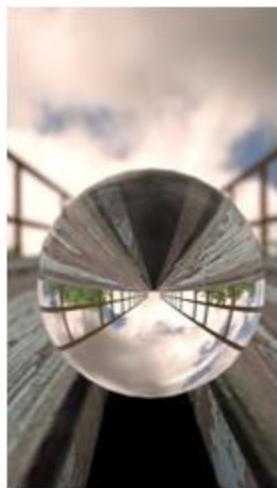
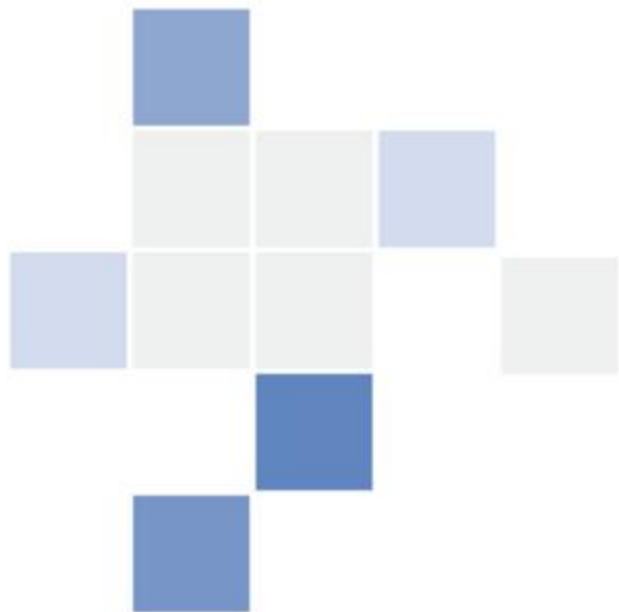


### Kindly Tempered Glass Specification

Thickness	Available Color	Flat Tempered		Curved Tempered			Other Curved Solution	Edge Work	Corner & Processing	Subsequent Process			
		Min. Size	Max. Size	Min. Size	Max. Size	Min. Radius							
2	Clear	10 x 10mm	1000 x 1000mm				Hot Bending	Flat, Pencil	Fillets, Chamfers, Cutouts, Notches, Holes, Engrave	Laminated, Silk-Screen, Lacquered			
3-3.7	Clear, LowE, Bronze, Blue, Green	10 x 10mm	1000 x 2000mm				Hot Bending	Flat, Pencil		Laminated, Insulated, Silk-Screen, Lacquered			
4, 5, 6, 8, 10, 12	Clear, LowE, Bronze, Blue, Green, Grey, Pink tinted and reflective glass, Patterned Glass (4, 5, 6, 8mm)	10 x 10mm	(2430-3290) x (3880-6500) mm				500 x 500mm	2440 x 4800mm		450mm / Double, Multi-Curved	Hot Bending	Flat, Pencil, Bevel, Ogee, Waterfall, Convex	Laminated, Insulated, Silk-Screen, Lacquered
15, 19	Clear, Soft LowE	25 x 25mm	3290 x 15000mm				500 x 500mm	2440 x 4800mm		1500mm / Double, Multi-Curved	Hot Bending	Flat, Pencil, Bevel, Ogee, Waterfall, Convex	Laminated, Insulated, Silk-Screen, Lacquered
22, 25	Clear	50 x 50mm	3290 x 15000mm				500 x 500mm	2440 x 4800mm		1500mm / Double, Multi-Curved	Hot Bending	Flat, Pencil, Bevel, Ogee, Waterfall, Convex	Laminated, Insulated, Silk-Screen, Lacquered



Kindly Products Protection Packing					
Interlayer Protection	Corner Packing	Edge Packing	Inner Packing	Outer Packing	LCL Packing
Anti-Fungicide Paper	Right Angle Plastic Corner	EPS Side Fender	Paper Wrap	Plywood Crate	Case Min.Width > 650mm Max.Length <1500mm Max.Height < 1200mm
Anti-Fungicide Powder	Plump Plastic Corner		Single-layer Paperboard	Plywood Case	Case + L Rack with Four-sided Forklift
EPE Film	Paperboard Corner		Double-layer Paperboard	Plywood Pallet Crate	A-type Case
Cork Mat	EPS Corner		Carton	Nude Packing + A Rack	Pallet Case
EPS Board			PVC,EPE Shrink Film		





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