

QINGDAO XINYI BROTHER CO.,LTD



LAMINATING



INSULATING



AUTOMOBILE

LOCATIONS

QINGDAO XINYI BROTHER CO LTD

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ARCHITECTURAL
RESIDENTIAL
COMMERCIAL

Architectural glass/solar glass/auto glass



ABOUT US

HIGH-SAFETY ARCHITECTURAL GLASS
HIGH-EFFICIENCY SOLAR GLASS
HIGH-GRADE AUTOMOBILE GLASS

XINYI BROTHER CO LTD founded in 2009year, thanks to the joint efforts of XINYI BROTHER people for more than 10years, the company has become a modern enterprise specialized in processing, developing and marketing of Architectural glass,(Tempered Glass,Tempered Laminated Glass, Double Glazed Insulated Glass, LOW-E coated Glass,Reflective Glass, Float Glass etc),together we produce High Quality Solar Glass and Automobile Glass.

The glass products are widely used as Glass Fencing, Glass Railing, Glass Balustrades; Glass Curtain Wall, Window Glass, Door Glass, Greenhouse Glass;Solar Glass for Greenhouse,PV Module Cover/Back Sheet/Solar Heater and Solar Collector;Automobile Glass,Front Windshield Glass, Car Rear Glass, Car Side Window Glass.

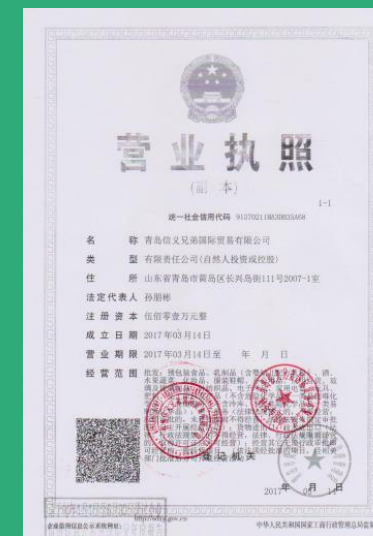
Our workshops cover an are of 75k square meters and have more than 300workers,the company introduced world-class Production lines and equipments from Germany,Japan and China, as well as advanced glass processing technology.

The staff are well trained, paying high attention to each procedure and each piece of products, with our increasing efforts, our products are well feedback by domestic and overseas markets. especially in Europe ,America, south America and Middle east markets.

Now we are becoming one of the first class architectural glass enterprises in China.



QUALITY CONTROL & CERTIFICATIONS





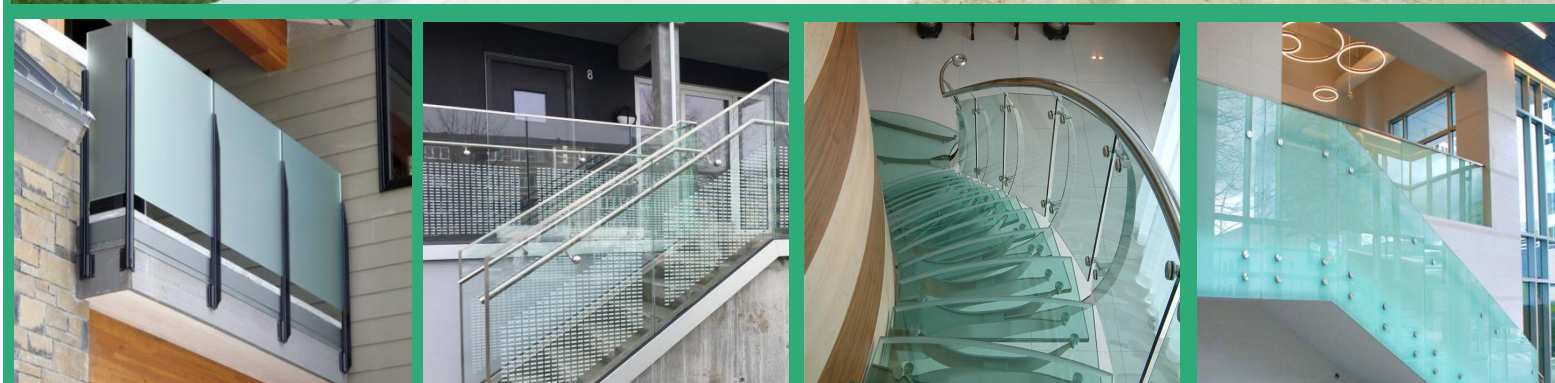
▶ TEMPERED GLASS / CURVED TEMPERED GLASS

Tempered glass is processed by heating ordinary glass to its softening point and then quenched rapidly. This will make the glass surface under compression and the center under tension. The mechanical strength is thus increased and improve its resistance to wind load, impact and thermal shock. We can provide tempered acid-etched glass,tempered silk printed glass, tempered laminated glass,etc. The glass can be used as glass railings, glass fencing,glass balustrade, glass staircases.

Safety: when broken tempered glass will shatter into small granules which avoid injury to human body

Strength: its strength is 4-5 times stronger than ordinary glass

Thermal stability: with excellent thermal stability which can withstand a temperature difference of 200°C



Curve tempered glass is produced by heating glass to its softening point, forming into curve shape, and then quenched rapidly. The factory has equipped convection heating curve tempering furnace with roller forming technology. It can produce high precision curve tempered glass in various sizes and radius with good quality. It is especially suitable for coated glass product and can be incorporated into curve laminated glass and curve insulating glass.



specifications:

Maximum size: 2440mm × 5000mm

Minimum size: 100mm × 100mm

thickness: 3-19mm



PVB/SGP LAMINATED GLASS

Laminated glass is produced by laminating one or more layers of organic resin interlayer between two or more pieces of glass at high temperature and pressure. According to different types of interlayer, laminated glass can be made into products of different characteristics. Its application should be correctly selected based on the requirements.

PVB (polyvinyl butyral) laminated glass has full absorption of ultraviolet and good noise-reduction ability. When glass broken, the broken pieces are still attached to the PVB as a whole without falling apart. Thus its protective ability is exceptional and widely used for security.

Safety: when laminated glass is damaged due to external force, the glass fragments will not be detached and maintain the integrity. It also avoid being penetrated. It can be processed into bullet-proof glass or high-strength explosion-proof glass through specific combinations

Sound resistance: PVB has the property of attenuating acoustic wave propagation. Thus, laminated glass can effectively block sound transmission and reduce noise

Anti-UV performance: laminated glass has high UV blockage performance (up to 99% or more), it can prevent the aging & fading of indoor precious furniture, curtains, displays and other items/

Decorative: PVB has many colors. It gives rich decorative effects when used together with coating and ceramic frit/

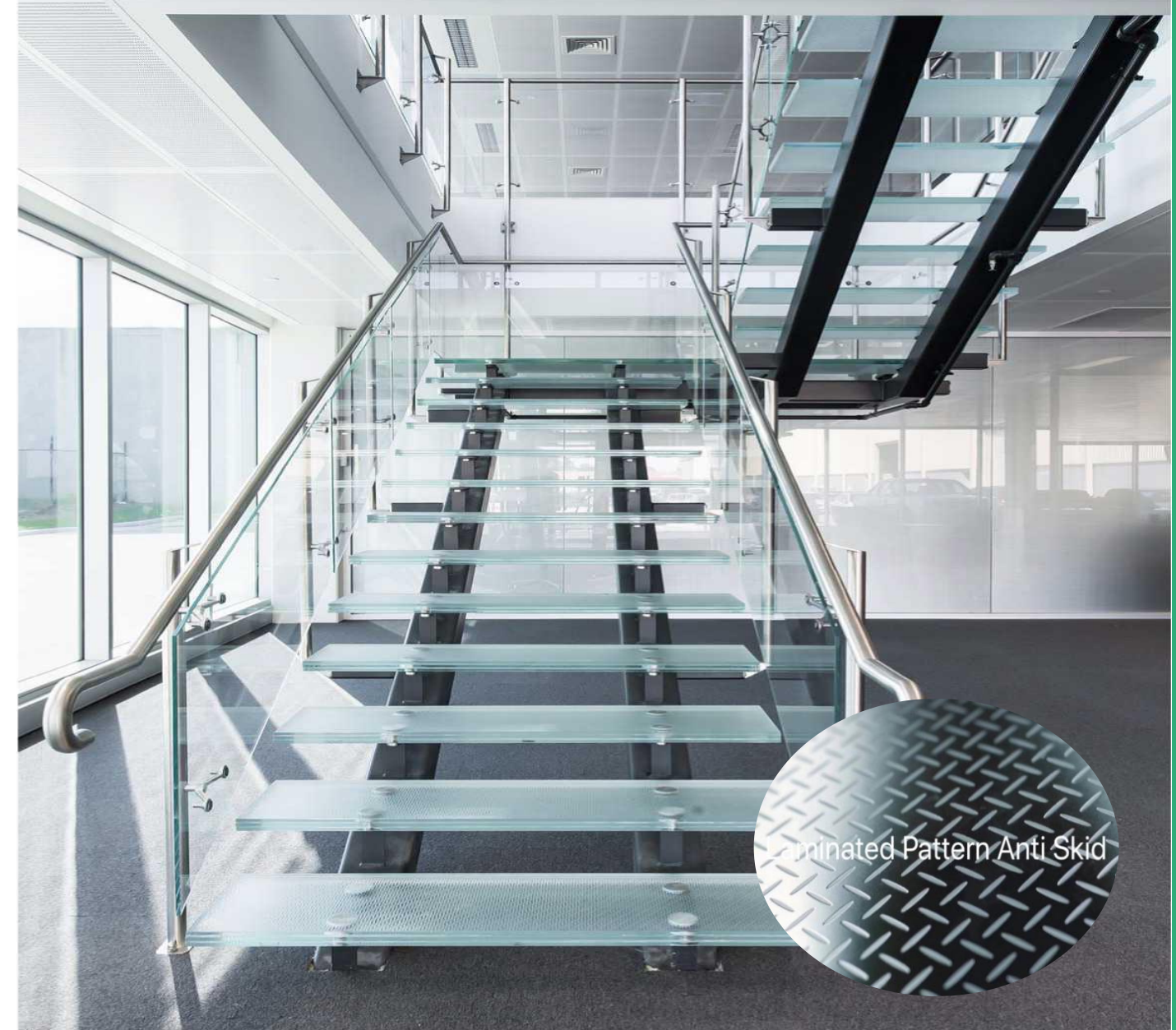


SGP (SentryGlas Plus) is an ion-polymer of ethylene and methyl acid ester. It offers more advantages in using SGP as an interlayer material

SGP offers five times the tear strength and 100 times the rigidity of conventional PVB interlayer
Better durability/long life expectancy s at elevated Temperatures.Excellent weather and edge stability

Soundproof Interlayer

Laminated glass made by using a special composite PVB interlayer can achieve better sound resistance. Usually its sound resistance can be improved by 5dB comparing to ordinary PVB with the same thickness.



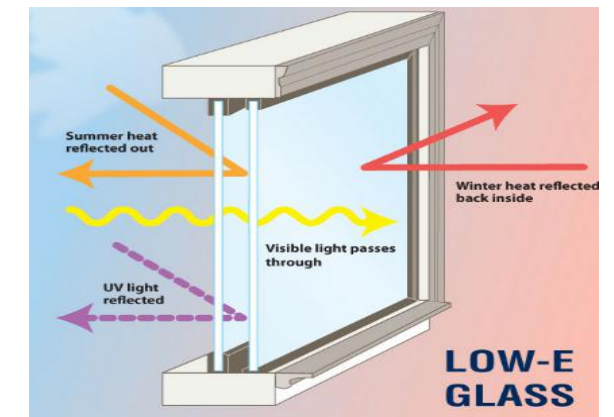


LOW-E GLASS/ INSULATED GLASS

LOW-E Glass (low-emissivity glass) is a coating product which is made by coating various layers of metal or other compounds on the glass surface. It has high transmittance to visible light and high reflection to medium/long wave infrared.

Compared with ordinary glass and traditional coated glass for buildings, it has excellent thermal-insulation performance and good visible-light transmittance. According to the actual requirements of different climate zones, we provide customers with the best performance single silver, double silver, triple silver Low -E glass , solar control coated glass, post temperable Low- E glass and so on.

- ✧ High-Transmittance Single-Silver LOW-E Glass is suitable for cold or extremely cold areas where heating is required
- ✧ Solar Shading Single-silver LOW-E glass is suitable for areas where cooling is required in hot summer
- ✧ Double-silver LOW-E Glass is suitable for various areas where both daylight and shading are considered
- ✧ Triple-silver LOW-E Glass is suitable for places where daylight and shading are extremely required



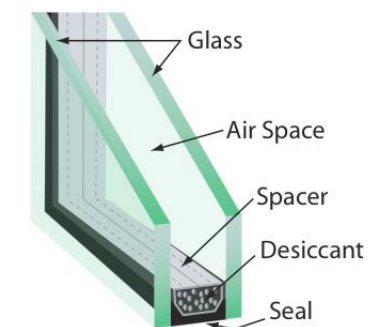
Insulating glass consists of two or more pieces of glass uniformly separated by desiccant filled aluminium spacer and the edge is sealed with high strength sealant. This ensure the air space is dry.

Heat Preservation: excellent thermal insulation, more effective to reduce heat loss in winter

Sound Resistance: provide good sound resistance up to 30 dB or more.

Prevent condensation: the insulating glass cavity is filled with dry air at a dew point lower than -40°C , so as to prevent condensation due to the temperature difference between indoor and outdoor

Aesthetic: insulating glass can incorporate coated glass, laminated glass, ceramic frit glass and other glass types which gives good aesthetic effects



Maximum size: 3000mm × 6000mm
 Spacer width: 6mm, 9mm, 12mm, 15mm and 16mm
 Glass thickness: 3-19mm
 Maximum thickness : 57mm



SOLAR GLASS /SOLAR BACK GLASS

Clear Float Glass is the substrate of solar back glass, it is further processed (edge grinding, hole drilling and tempering) . Compared with conventional back sheet (TPT), back glass has an excellent durability performance. By using advanced equipment, we can provide back glass with highest process precision and big capacity.

Low Iron clear glass is an ultra-transparent subway glass with a light transmittance of over 91%. It has crystal clear and elegant characteristics. It is called the"crystal prince"of the glass family. The ultra-white glass has good machinability and superiority. Physical, mechanical and optical properties.

Maximum wide: 3660mm/ Thickness: 2.0-19.0mm

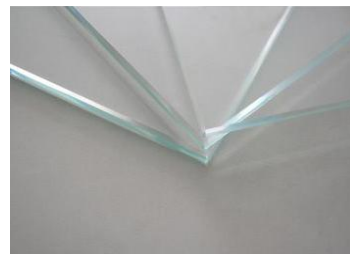
Low Iron Pattern Glass is formed with a diamond pattern on one face and a smooth pattern on another, and then is further treated by tempering process. It is mainly used for the cover of photovoltaic modules or flat solar water collectors and also used as greenhouse Glass.

Solar low iron pattern glass has its unique recipe and special pattern, which ensures highest solar transmission by greatly reducing light reflection and absorption, and therefore increases photoelectric conversion efficiency or solar-thermal conversion efficiency.

Thickness 3.5mm and 4.0mm mainly Size:2250*3500mm(annealed)/1219*1930mm(tempered)

Clear Series:

- Clear Float Tempered
- Low Iron Float Tempered
- Clear Float Tempered + 2AR
- Low Iron Float Tempered + 2AR



Diffused Series:

- Clear Prismatic Tempered
- Low Iron Prismatic Tempered
- Clear Prismatic Tempered + 2AR
- Low Iron Prismatic Tempered + 2AR



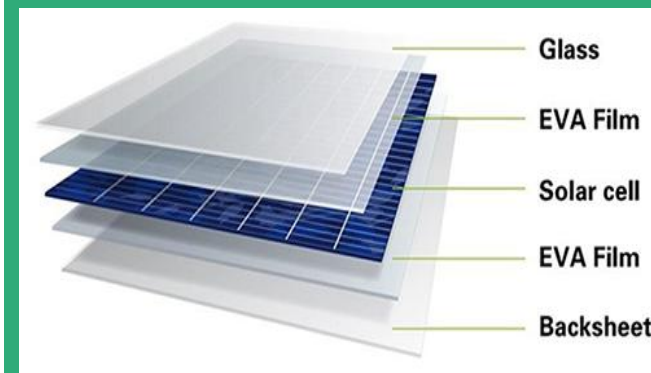
Textured Series:

- Clear Matt Tempered
- Low Iron Matt Tempered
- Clear Matt Tempered + 2AR
- Low Iron Matt Tempered + 2AR



Textured Series:

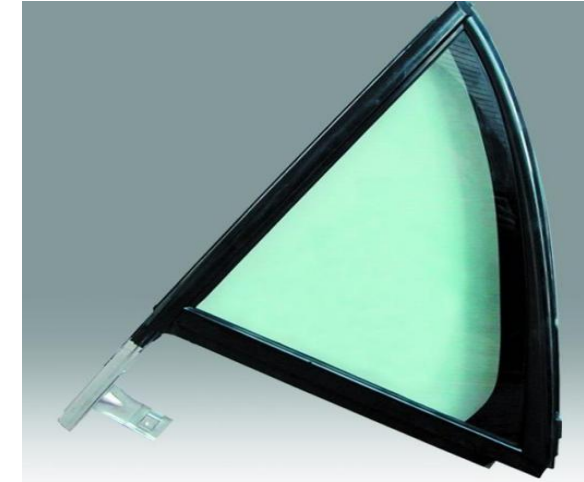
- Clear CustomTex Tempered
- Low Iron CustomTex Tempered
- Clear CustomTex Tempered + 2AR
- Low Iron CustomTex Tempered + 2AR





Automobile Glass

Automotive Glass includes laminated front windshield, tempered back windshield, heating glass, tempered side door, front vent, rear quarters etc. The factory have very modern facilities, such as Bystronic from Switzerland, Intermac from Italy, Bando from Japan and many modern machines made in China. The automobile glass that we provide with top grade quality and consistent. All products passed European ECE, US DOT and China CCC certifications.



PROJECTS



PROJECTS

