



We offer the largest selection of architectural glass available everywhere.

architectural glass



Our high-performance architecture glass sets the industry standard.

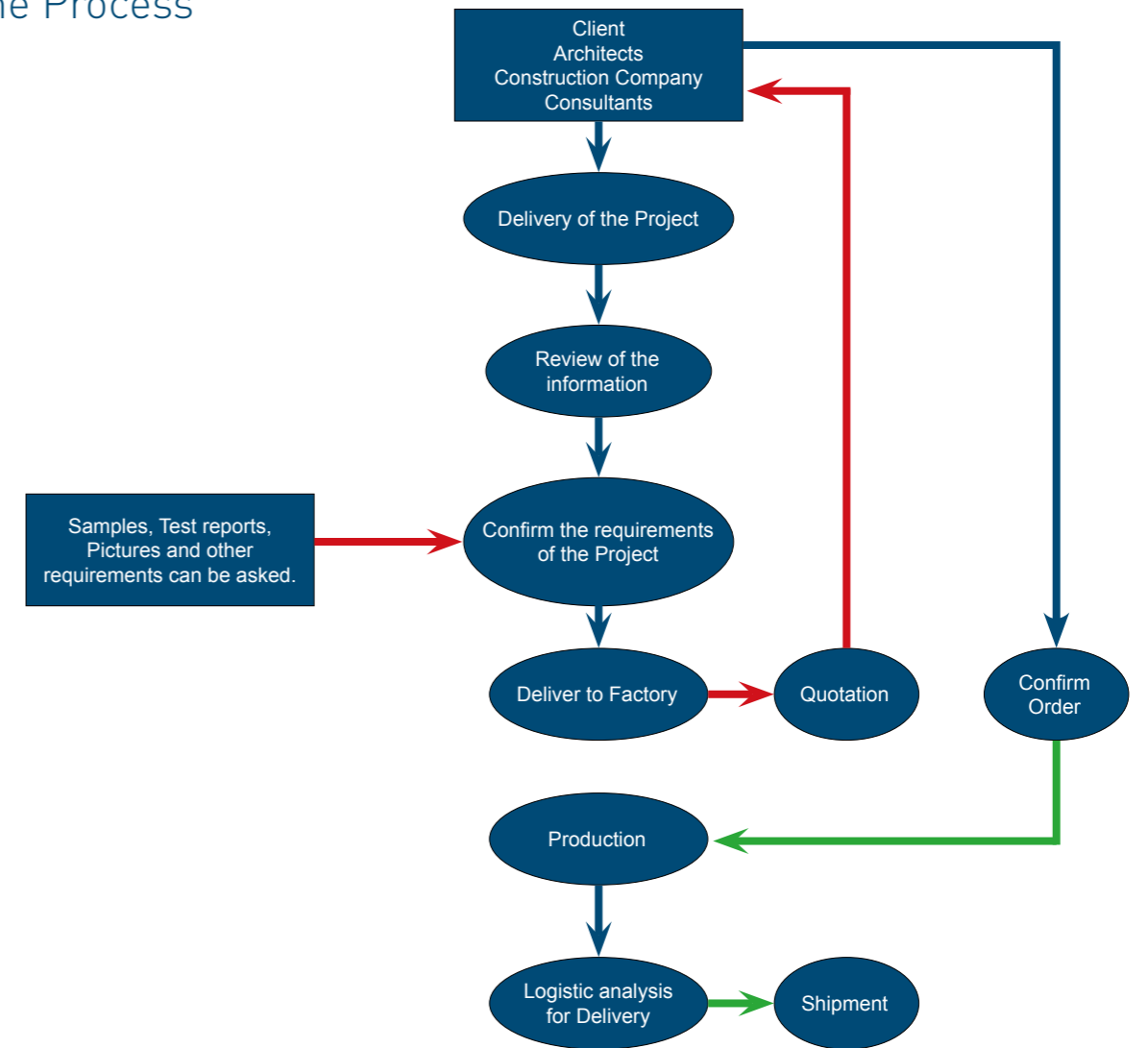
Yushuo Glass Technology Group is a Holding consisting of 6 subsidiary companies, with a whole range of products and solutions in glass, Yushuo opens a path for creativity, freedom and innovation for the development of Building Projects and Architectural solutions for his clients, developing wealth and sustain growth for projects in more than 75 countries.

Yushuo Glass Group Co, Ltd. Located at the center of the China Glass Industrial Park in Shandong Province, has lead the market for Decorative Glass, innovating with new designs and Technologies in the last years, this allow the Holding to expand their services and products into Architectural Glass and finally reaching the development of Project Glass Solutions in accordance to the customers needs. Supported by our old and new customers, the materials provided by Yushuo Glass are Top-Line products of the industry, using the best quality raw materials, we ensure that your project last for longer time, and also advising our customers to get the best results possible.





The Process



The Advantages

Using Project Glass in your buildings decreases the construction and assembling time, since the Glass and materials can reach the construction ready to be installed.

Simplified process, we handle, consult and advice our clients in all the details needed, avoiding contacting multiple different factories and companies.

Reduces the risks and waste of material during the process of construction, since the Glass is already processed according to the needs of the project.

Ensure the deliver of solutions and improvements before it's late, the designs and plans are carefully examined, maintaining the communication with the investors, architects and engineers before the production is started, delivering samples and information as required by the team avoiding lost and setbacks in the delivery.

Reduces costs in personal, contracts, materials and production.

Our Experience

Developing a series of projects in China, cooperating with our factories and our staff and keeping an open communication in the development of every project, let us ensure the best results possible in every step of the process, since the moment we get the architect's designs and engineer's plans, following the manufacturing of Glass and the required products for the project with an optimal delivery and quality. Always prioritizing the longest live of the project.

The ultimate goal of us is to achieve customers' satisfaction and maintain the friendship with every client. No matter what kind of questions you have, we will deliver answers as soon as possible to fulfill your needs. Our sales team will share our experience and supply professional choices to ensure you make a right purchasing decision. What's more, you are sure to gain a pleasant purchasing experience with the prompt after-sale service supplied by us.

As a stable supplier, for we have a very wide range of raw materials and can produce different colors of glass, so we can meet the customers' needs and make their purchase become more convenient.





FLAT & CURVED TEMPERED GLASS

Toughened or tempered glass is a type of safety glass processed by controlled thermal or chemical treatments to increase its strength compared with normal glass. Tempering puts the outer surfaces into compression and the interior into tension. Such stresses cause the glass, when broken, to crumble into small granular chunks instead of splintering into jagged shards as plate glass (a.k.a. annealed glass) does. The granular chunks are less likely to cause injury.

• SPECIFICATION

Min Size: 300mm*300mm, Max Size: 3300*13000mm, Thickness range: 2.5-25mm

• CATEGPY

Tempered glass, Ultra clear tempered glass, Reflective tempered glass, Low-e tempered glass

• QUALITY STANDARD

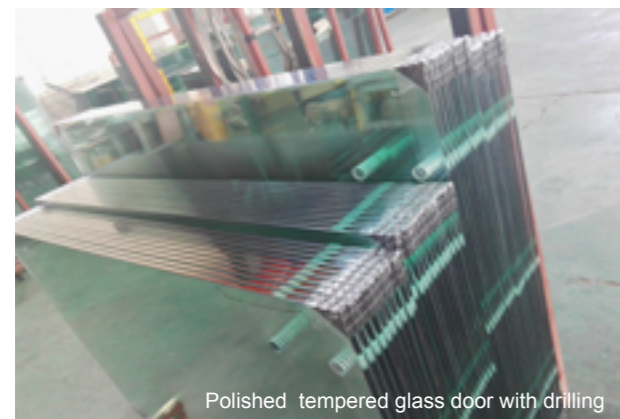
CE(EN 12150-2:2004), CCC(GB15763.2-2005), AS/NZS2208:1996, ASTM C1048-04

• PAEAMETERS LIST FOR CURVE TEMPERED GLASS

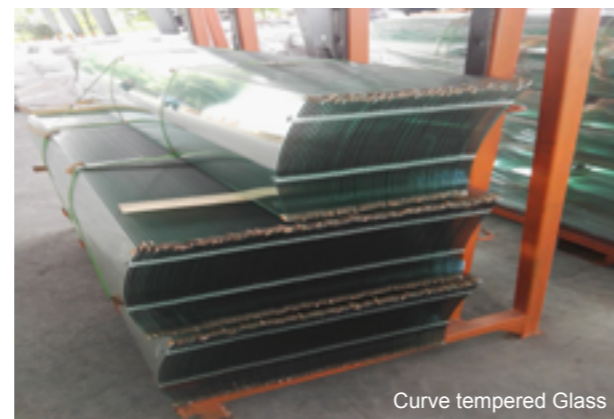
| Thickness (mm) | Minimum Radius (mm) | Maximum arch rise (mm) | Maximum arch length (mm) |
|----------------|---------------------|------------------------|--------------------------|
| 5 | 1000 | 684 | 2500 |
| 6 | 1200 | 594 | 2500 |
| 8 | 1500 | 491 | 2500 |
| 10 | 1800 | 416 | 2500 |
| 12 | 1800 | 416 | 2500 |
| 15-19 | 2000 | 378 | 2500 |

• SCOPE OF APPLICATION

widely used in building door & windows, glass curtain wall, interior partition, sightseeing lift, channel, furniture, glass fence etc.



Polished tempered glass door with drilling



Curve tempered Glass



SEMI-TEMPERED GLASS \ HOT BENDING GLASS

SEMI-TEMPERED GLASS

Semi-tempered or heat-strengthened glass did have a thermal treatment similar to the thermal curing, but where the obtained voltage is lower than the one of toughened glass, because the cooling was slower.

Semi-tempered or heat-strengthened glass doesn't have the same characteristics compared to the commodities which it was made of:

Heat strengthened or semi-toughened glass can not be cut, sawn, drilled or modified after the thermal treatment, Any cutting or drilling of holes must happen before the treatment.

• SPECIFICATION

Min Size: 300mm*300mm, Max Size: 3300*5200mm, Thickness range: 3-25mm

• CHARACTER OF SEMI-TEMPERED GLASS

Not easily self-explosion. It has flatter surface than tempered glass.

The load impact is 2 to 3 times bigger compared with standard (float) glass.

The flexural strength is 2 to 3 times bigger compared with standard (float) glass.

Heat strengthened or semi-toughened glass has a better resistance to thermal shocks than annealed glass: it resists temperature differences of circa 100°C, while annealed glass breakage can occur with a temperature difference of circa 30°C. However, this value is highly variable and depends on the quality of the edge of the glass.

Unlike fully tempered glass, heat-strengthened glass is not considered a safety glazing material. Accordingly, heat-strengthened glass is the preferred product for projects that do not require safety glass but are likely to be met with thermal or mechanical loads.



HOT BENDING GLASS

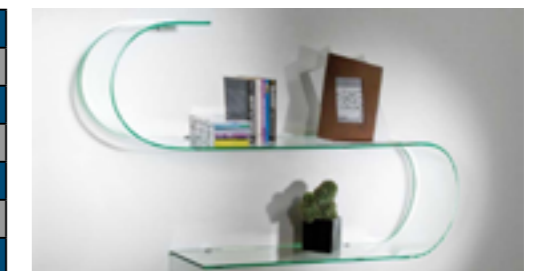
In hot bending, the manufacturer uses molds, which allow the glass to adopt the desired form. The glass, as well as the mold, is then heated up to 580–600 °C.

Bending can be solely based on gravity. Alternatively, the glass bending process can be assisted in which a mechanical bending press forces the glass into a target shape. The shape is then slowly cooled to avoid any residual tension in the glass.

Bending technology allows producers to create a wider range of shapes, for instance, a tighter radius and non-cylindrical shapes. The hot bending process itself does not add mechanical strength to the glass nor the ability to tolerate temperature variations.

• CHARACTER OF HOT BENDING GLASS

| | |
|--------------|--|
| Thickness | 3-22mm |
| Color | clear, bronze, grey, green, blue, reflective |
| Size | Max. 3000*4000mm, Min. 100*300mm, custom sizes |
| Regular size | 500*3500mm, 500*2000mm |
| Applications | Furniture, table, chair |
| Certificate | CE, ISO, CCC |
| Packing | Exportation plywood cases |





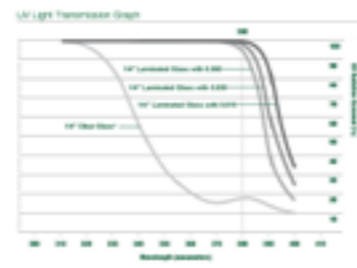
LAMINATED GLASS

Laminated glass, regard as "Safety glass", consist of two or more panes of glass with one or more layers of polyvinyl butyral (PVB) sandwiched between them and treated. The glass panes can be basic float glass or tempered or heat strengthened panel. If the glass is broken fragments tend to adhere to the PVB interlayer thereby reducing the risk of injury from falling glass and helping to resist further impact or weather damage. PVB membrane has good tenacity performance and when the laminated glass breaks due to violent force, the PVB will absorb large amount of impact energy and disperse it rapidly. Therefore, it hard to break the laminated glass and the shape of the glass may be maintained even if being broken. Furthermore, personnel inside and outside the buildings will not be hurt by the glass fragment.



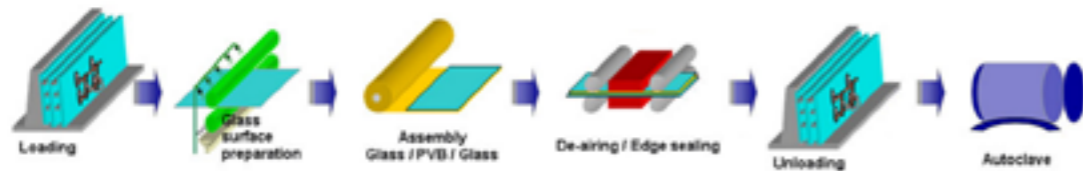
• FEATURE

Security, Energy Saving, Sound Control, UV Control, Low Visual Distortion



• LAMINATED GLASS PROCESS

Glass pre-processing (Cutting and grinding-Washing-Drying) , Lamination, De-airing/edge sealing, Unloading.



• APPLICATION

Laminated glass is widely used in manufacturing and automotive industries and in a variety of commercial and residential applications because of its safety, security, sound abatement and solar control characteristics. In glass skylights, sunspaces, sloped glazing installations and curtain walls, there is always the possibility of glass breakage. This is why many building codes worldwide use laminated glass for overhead glazing. It is used in schools, hospitals, hotels and office buildings, and wherever there are sound control requirements.

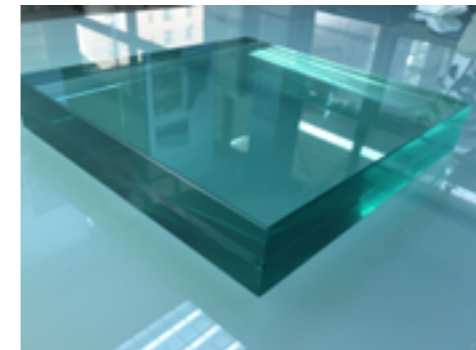


LAMINATED GLASS

• LAMINATED GLASS PERFORMANCE PARAMATERS

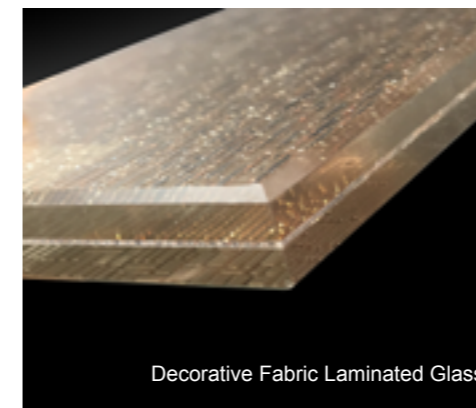
| Composition (mm) | Color | Visible light(%) | | SHGC | U-Value (W/m ² -K) |
|------------------|------------|------------------|----------------------|------|-------------------------------|
| | | Transmittance | Reflectance(Outside) | | |
| 3+0.38PVB+3 | Clear | 59 | 8 | 0.83 | 5.7 |
| 6+0.76PVB+6 | Clear | 86 | 8 | 0.75 | 5.7 |
| 6WS150+0.76PVB+6 | Grey | 52 | 16 | 0.57 | 5.4 |
| 6WS130+0.76PVB+6 | Grey | 33 | 22 | 0.44 | 5.4 |
| 6WS120+0.76PVB+6 | Grey | 21 | 27 | 0.35 | 5.4 |
| 6WS180+0.76PVB+6 | Light Grey | 50 | 6 | 0.32 | 4.2 |

All data are calculated to standards EN410 and ISO 9050, The U-Value is calculated according EN-410. The data are test results and not performance gurantees



• SOUNDPROOF PERFORMANCE OF DIFFERENT GLASS

| | Composition (mm) | (STC) |
|---------------------------|-------------------|-------|
| Laminated glass | 3+0.76PVB+3 | 35 |
| | 5+0.76PVB+5 | 36 |
| | 6+0.76PVB+6 | 37 |
| | 6+1.52PVB+6 | 37 |
| Insulated laminated glass | 12+0.76PVB+12 | 41 |
| | 3+0.38PVB+3+12A+6 | 38 |
| | 5+0.38PVB+5+12A+8 | 39 |
| Insulated glass | 5+0.76PVB+5+12A+8 | 40 |
| | 6+9A+6 | 34 |
| | 6+12A+6 | 35 |
| Floated glass | 6+16A+6 | 36 |
| | 6 | 31 |
| | 12 | 36 |





INSULATED GLASS

Insulated Glass, often called double glazing, is a combination of two or more panes of glass spaced apart with a spacer bar and hermetically sealed with a primary and secondary sealant to form a single unit with one or more air spaces in between. IG units improve the thermal performance, thus significantly reducing heating and air-conditioning costs. IG units also reduce interior condensation in cold climates, and increase comfort near windows, thus maximizing the usable interior space.

• FEATURE

Energy Saving, Sound Insulation, Anti-Dew, Thermal Insulation.

Insulated glass can be filled with Ar gas & Xe gas. If those inert gas in the middle glass, the sound insulation and thermal insulation will be better.

Combine with Low-E coating, offers superior winter heating and summercooling

• SIZE

Max Size: 2700*5000mm Min Size: 180*300mm Air Space: 6mm-22mm

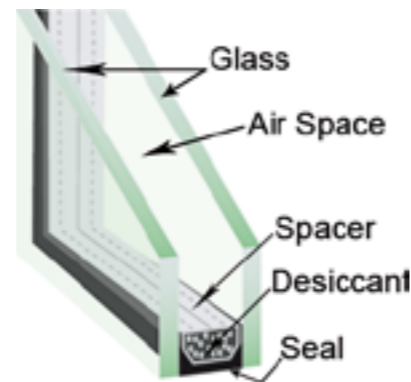
• QUALITY STANDARD

CE (EN1279)

CCC (GB15763.3-2005 & GB 15763.2-2005)

AS/NZS2208: 1996

ASTM C1172 & CPSC



• MAIN INSULATED GLASS PERFORMANCE PARAMETERS

| SERIES | SPEC | VISIBLE LIGHT % | | | SOLOR ENERGY | | SC | U FACTURE | | COLOR |
|--|--------------|-----------------|-------------|--------|----------------|-------------|------|---------------|--------|-------------|
| | | TRANS-MITANCE | REFLECTANCE | | TRANS-MITANCE% | REFLECTANCE | | NFRC 100-2004 | | |
| | | | Outside | Inside | | | | NFRC | Summer | |
| clear tempered glass +air+ clear tempered glass | 6+6A+6 | 80 | 15 | 15 | 66 | 12 | 0.84 | 3.18 | 3.11 | clear |
| | 6+12A+6 | 80 | 15 | 15 | 66 | 12 | 0.84 | 2.84 | 2.70 | clear |
| | 6+16A+6 | 80 | 15 | 15 | 66 | 12 | 0.84 | 2.73 | 2.69 | clear |
| | 8+12A+8 | 78 | 14 | 14 | 61 | 12 | 0.8 | 2.81 | 2.67 | clear |
| | 10+12A+10 | 77 | 14 | 14 | 57 | 11 | 0.78 | 2.77 | 2.64 | clear |
| Low-E tempered glass +air+ clear tempered glass | 6WB150+12A+6 | 45 | 20 | 10 | 30 | 24 | 0.42 | 1.85 | 1.86 | blue grey |
| | 6WB160+12A+6 | 53 | 18 | 10 | 35 | 22 | 0.48 | 1.84 | 1.84 | blue |
| | 6WN180+12A+6 | 73 | 11 | 13 | 46 | 20 | 0.6 | 1.8 | 1.80 | neutral |
| | 6TLE+12A+6 | 46 | 9 | 8 | 9 | 63 | 0.42 | 1.64 | 1.68 | ocean blue |
| | 6S1.2+12A+6 | 80 | 13 | 13 | 50 | 24 | 0.62 | 1.72 | 1.69 | neutral |
| Low-E tempered glass +Ar gas+ clear tempered glass | 6C+9Ar+6 | 80 | 15 | 15 | 73 | 12 | 0.84 | 2.6 | 2.62 | clear |
| | 6C+12Ar+6 | 80 | 15 | 15 | 73 | 12 | 0.84 | 2.7 | 2.53 | clear |
| | 6DF7+12Ar+6 | 51 | 15 | 13 | 23 | 30 | 0.33 | 1.41 | 1.34 | light grey |
| | 6T7+12Ar+6 | 67 | 13 | 14 | 26 | 40 | 0.29 | 1.34 | 1.24 | grey |
| | 6S49+12Ar+6 | 45 | 27 | 29 | 25 | 26 | 0.35 | 1.33 | 1.23 | silver grey |

Those insulated glass is our regular products, The lowest U Value can be 1.0 W/m²·K

Prime Projects

SOHO's Glass Office in Fuxing Plaza, Shanghai

An all glass and mirror inner cladding exposes the infrastructure of SOHO's new office building in Shanghai. The glass creates manifold reflections of the sales models and meeting rooms, while leaving the original height and structure in view. This creates a 'double reality' that merges with the stunning views of downtown Shanghai.

Membrane ceilings create extra attention for the models. Light and surfaces reflect throughout the space, even further diffused by half see through mirrors. Some of the floors are islands of stone or carpet, to create static moments to offset this sea of reflectivity.

As SOHO rents out the offices in this building in bare shell state, the main design idea is to show the customers what they are actually getting, and at the same time add a layer of inspiring luxury to it.

The glass only approach allows creating a complexity that emerges from a simple choice. That is what makes this project bold and layered at the same time.

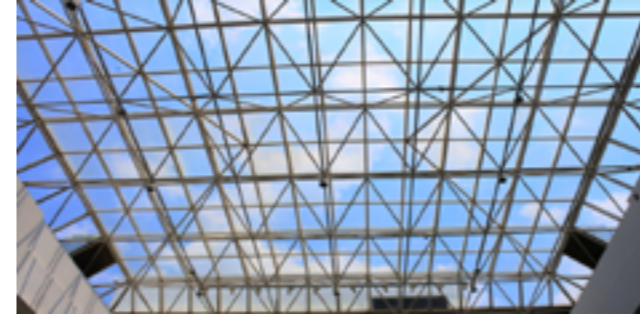


- 6mm clear tempered glass
- 8mm clear tempered glass
- 12mm clear tempered glass
- 19mm clear tempered glass
- 3mm+0.38PVB+3mm clear tempered laminated glass
- 6mm+0.38PVB+6mm clear tempered laminated glass
- 6mm+0.76PVB+6mm clear tempered laminated glass
- 5mm+12A+5mm+12A+5mm clear insulated glass

Prime Projects

Underground station, Guangdong

- Flat tempered glass
- Curved tempered glass
- Laminated glass



we offer the most comprehensive portfolio of products **specified to close the building envelope**

Winter Garden | Anti slip floor | Bathroom | Shopping center | skylights



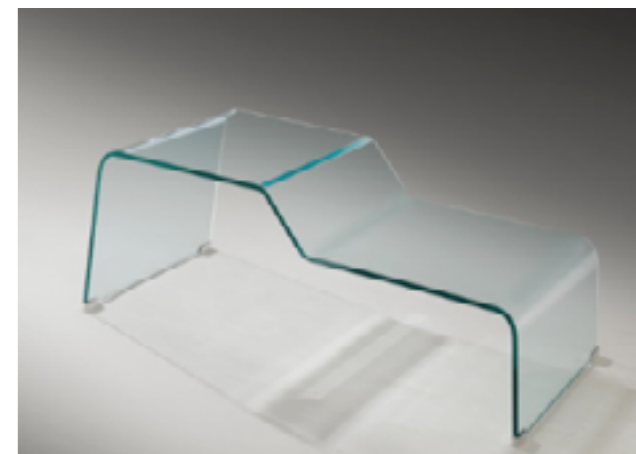
Zhangjiajie tianmen mountain glass plank road

- Flat tempered glass
- Curved tempered glass
- Laminated glass



Tengzhou Binjiang International Hotel

- Flat tempered glass
- Laminated glass
- Fabric Laminated glass
- Insulated glass





Jinan Yaoqiang International Airport



Jinan Wanda Plaza



Jining Medical College



Beichen Mansion

We are everywhere.

Our architectural products grace some of China's most discerning building. And we have experience in all applications: hospitals, shopping malls, convention centers, airports, hotels, museum, universities, government and more.



Binjiang International Hotel



Guang Fa Finance Building



Shandong Museum



RT Market



Tengzhou Fast Train Station



Tengzhou People's Hospital



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