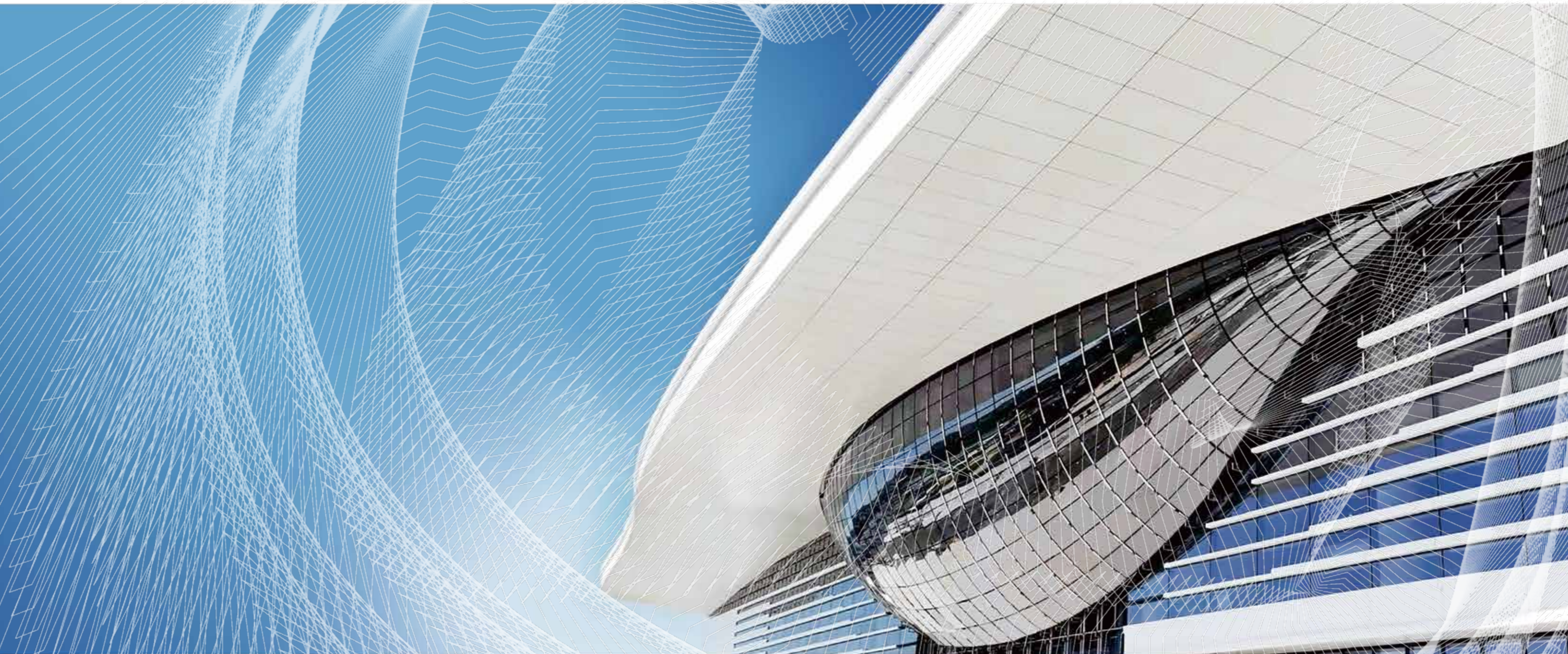


Digitization Technicalization Globalization



专注特种曲面玻璃 致力百年优质建筑  
**FOCUS ON BUILDING CURVED GLASS**

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## Company Profile 公司简介

深圳大洋特种玻璃有限公司, 位于中国广东省深圳市, 旗下拥有广东新艺洋玻璃技术有限公司工厂, 同时在迪拜设立分公司, 是一家专业的建筑玻璃制造商。

我司主要产品包括钢化玻璃、夹层玻璃和中空玻璃, 专注于曲面钢化玻璃, 特别是技术要求较高的双曲多曲面弯钢化玻璃及其复合产品。我们为来自世界各地的幕墙和建筑承包商提供专业服务, 包括亚洲、海湾国家、欧洲、美洲、澳大利亚和非洲等地, 依托迪拜分公司的区位优势, 更高效地服务中东及周边地区客户, 为每一个项目带来精益求精和创新服务。

我们的业务范围包括与全球顶尖建筑师合作, 参与知名地标性项目的开发, 为最具挑战性的建筑构想提供卓越的质量和性能。

基于“真诚、专业、优质、高效”的企业精神, 大洋公司承诺为您提供最优质的产品和最专业的服务, 依托中国工厂的生产实力与迪拜分公司的服务优势, 实现全球客户的全方位覆盖。

Shenzhen Dayang Special Glass Co., Ltd., located in Shenzhen, Guangdong Province, China, has its manufacturing base in Guangdong Xeyoung Glass Technology Co., Ltd. and has also established a branch in Dubai, being a professional manufacturer of architectural glass.

Our main products include tempered glass, laminated glass and insulated glass, focusing on curved tempered glass, especially the technically demanding double-curved and multi-curved tempered glass and its composite products. We provide professional services to curtain wall and construction contractors around the world, including Asia, Gulf States, Europe, Americas, Australia and Africa. Relying on the location advantage of our Dubai branch, we can serve customers in the Middle East and surrounding areas more efficiently, bringing excellence and innovative services to every project.

Our business scope includes cooperating with world-leading architects, participating in the development of well-known landmark projects, and providing excellent quality and performance for the most challenging architectural concepts.

Based on our corporate spirit of "Sincerity, Professionalism, Quality and Efficiency", Dayang is committed to providing you with the highest quality products and the most professional services. With the production strength of our Chinese factory and the service advantage of our Dubai branch, we achieve comprehensive coverage of global customers.



## 产品 Products

### 单曲弯钢化玻璃

单曲弯钢化玻璃也是一种预应力玻璃，通常钢化的方法，按照改变玻璃一个方向正反弯弧度，从而更加贴合设计美观性功能性的要求。

#### 钢化一线

##### 1. 硬轴弯钢化段

最大加工尺寸:弧长 2500\*高度 2440mm  
最小加工尺寸:弧长 400 \*高度 300mm  
最小半径:900mm  
厚度:4-25mm

##### 2. 软轴弯钢化段

最大加工尺寸:弧长 2440\*高度 5000mm  
最小加工尺寸:弧长 500\*高度 300mm  
最小半径:900mm  
最大加工半径不限  
厚度:6-25mm



#### 钢化二线

最大加工尺寸:弧长 1200\*高度 2850mm  
最小加工尺寸:弧长 400\*高度 300mm  
最小半径:420mm  
最大半径不限  
厚度:3-15mm

#### 产品特性

安全性, 抗冲击强度性能, 热稳定性性能, 抗风压强度和扰度性能强。

#### 应用

品牌形象店、写字楼、高端概念酒店、地标性建筑等。

#### 质量标准

符合弯玻璃标准ISO 11485-2  
符合弯玻璃标准EN C1464-06  
符合弯曲玻璃标准规范ASTM C 1464-00

## Single Curved Tempered Glass

Single curved glass is also a kind of pre-stressed glass, the usual method of tempering is changing the curved radians of the front and back on the basis of the same direction of the glass according to the requirements, thus to better fit the requirements of the design for aesthetic functionality.

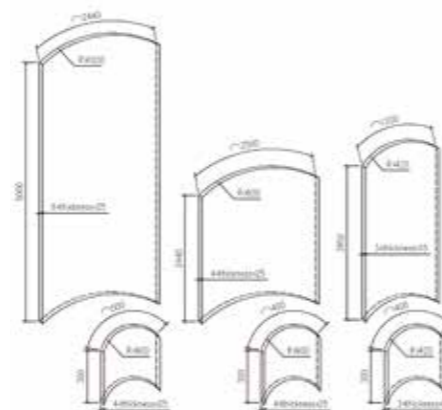
#### Line 1

##### 1.Horizontal shaft tempered line

Maximum size:Arc length 2500\*Height 2440mm  
Minimum size:Arc length 400 \*Height 300mm  
Minimum radius:900mm  
Thickness:4-25mm

##### 2.Vertical shaft tempered line

Maximum size:Arc length 2440\*Height 5000mm  
Minimum size:Arc length 500\*Height 300mm  
Minimum radius:900mm  
Unlimited maximum radius.  
Thickness:6-25mm



#### Line 2

Maximum size: Arc length 1200\*Height 2850mm  
Minimum size: Arc length 400\*Height 300mm  
Minimum radius: 420mm  
Unlimited maximum radius.  
Thickness:3-15mm

#### Features

Safety, mechanical attack resistance performance and thermal stability, anti-wind pressure ability and deflection performance.

#### Quality Standard

In accordance with curved glass international standard ISO 11485-2  
In accordance with bent glass standard EN C1464-06  
In accordance with bent glass standard ASTM C1464-00

#### Product Application

Brand image stores, office buildings, high-end concept hotels, landmark buildings and so on.

### 多曲弯钢化玻璃

多曲弯钢化玻璃也是一种预应力玻璃，使用钢化的方法，按照要求改变玻璃两个或两个以上方向上向下的弧度，从而更加贴合设计美观性功能性的要求。

#### 钢化三线(多曲弯钢化,可加工正反弯)

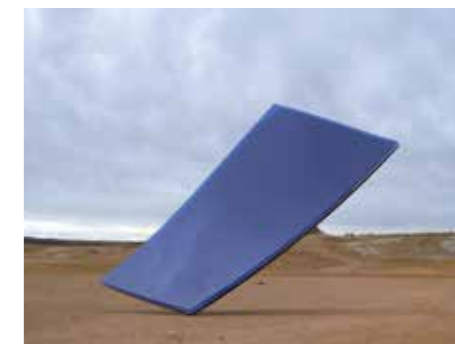
最大加工尺寸:弧长 2440mm\*高度 5000mm  
最小加工尺寸:弧长 400mm\*高度 400mm  
厚度:6-15mm  
可加工任意弯曲面形状、正反弯,最大拱高:360mm

#### 产品特性

安全性, 抗冲击强度性能, 热稳定性性能, 抗风压强度和扰度性能强。

#### 应用

品牌形象店、写字楼、高端概念酒店、地标性建筑等。



#### 质量标准

符合弯玻璃标准ISO 11485-2  
符合弯玻璃标准EN C1464-06  
符合弯玻璃标准规范ASTM C1464-00

## Multi-curved Tempered Glass

The multi-curved tempered glass is also a kind of pre-stressed glass. The method of tempering is changing the curved radians of the front and back on the basis of two or more directions of the glass according to the requirements, thus to better fit the requirements of the aesthetic function of the design.

#### Line 3 (multi-bend toughened, positive and negative bending can be processed)

Maximum machining dimension: arc length 2440mm\* height 5000mm  
Minimum machining size: arc length 400mm\* height 400mm  
Thickness: 6-15 mm

Can process any bending surface shape, positive and negative bending, the maximum arch height: 360mm

#### Features

Safety, mechanical attack resistance performance and thermal stability, anti-wind pressure ability and deflection performance.

#### Product Application

Professional technology team, constantly conceive of improvements to create new designs, and control the tolerance within  $\pm 3$ mm.

#### Quality Standard

In accordance with curved glass international standard ISO 11485-2  
In accordance with bent glass standard EN C1464-06  
In accordance with bent glass standard ASTM C1464-00

No.	Description	Pattern
1	Trapezoid Curved	
2	Double Curved	
3	Ω-shaped	
4	Triple Curved	
5	V-shaped	
6	Spherical	
7	U-shaped	

No.	Description	Pattern
8	Hemicycle	
9	L-shaped	
10	Pyramidal	
11	Cylindrical	
12	Irregular Cylindrical	
13	Double S	
14	Pot cover Shape	

## 钢化玻璃

钢化是将普通玻璃加热到软化点附近(650°C~680°C), 然后将其快速均匀冷却, 其表面形成均匀的压应力, 而内部形成张应力, 使玻璃机械强度提高, 有效改善玻璃的抗风压, 抗冲击和抗热冲击性能。

### 产品特性

#### 安全性:

玻璃破碎后形成钝角小颗粒, 不易伤人;

#### 机械性能:

应力: > 80MPa (中国标准); ≥69MPa (美国标准), 边部最少需达到67MPa (美国标准)。强度是普通玻璃的4-5倍, 抗挠度是普通玻璃的3-4倍;

#### 热稳定性:

具有良好的热稳定性, 能承受200°C的温差变化。

### 应用

建筑物的玻璃门及幕墙, 室内隔断, 电梯, 橱窗, 建筑门窗等。

### 质量标准

符合建筑物安全玻璃材料AS/NZS 2208:1996

符合欧洲标准EN12150-1:2015 & EN12150-2:2004

符合英国标准BS6206

符合美国标准ASTM C1048

符合国家标准GB15763.2-2005 & GB/T 17841-2008

通过国家安全玻璃强制认证CCC

### 产品规格

厚度: 3mm-25mm

最大尺寸: 2850x6000mm

最小尺寸: 100x300mm



## Flat Tempered Glass

Tempered glass is to heat ordinary glass to the vicinity of the softening point (650°C~680°C), and then cool it uniformly, forming uniform compressive stress on the surface and tensile stress on the inside, so as to improve the mechanical strength of glass and effectively improve the wind pressure, impact and thermal impact resistance of glass.

### Features

**Safety:** small obtuse particles formed after glass is broken, which is not easy to hurt people;

**Mechanical properties:** stress: > 80MPa (Chinese standard); ≥69MPa (US standard), with a minimum of 67MPa (US standard) for the edges. Its strength is 4-5 times that of ordinary glass, and its anti-deflection is 3-4 times that of ordinary glass.

**Thermal stability:** with good thermal stability, can withstand 200°C temperature change.

### Product Application

Glass door, curtain wall of building, indoor partition, elevator, showcase, door and window of building etc.

### Quality Standard

Safety glazing materials in buildings AS/NZS 2208:1996

In accordance with EN12150-1:2015 & EN12150-2:2004

In accordance with BS6206

In accordance with ASTM C1048

In accordance with Chinese Standard GB15763.2-2005 & GB/T 17841-2008

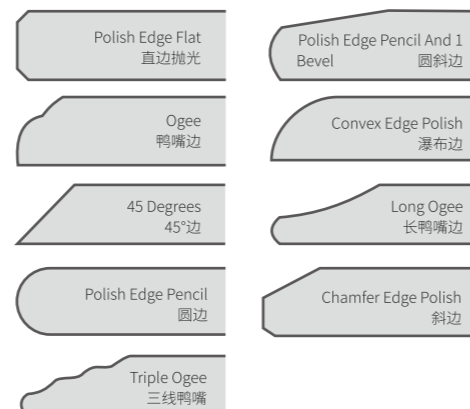
Pass Chinese Safety Glass Compulsory Certification(CCC)

### Product Specifications

Thickness: 3mm-25mm

Max Size: 2850x6000mm

Min Size: 100x300mm



## 夹胶玻璃

夹胶玻璃是由两片或两片以上玻璃, 玻璃之间使用一层或多层PVB 或 EVA, 经过高温高压加工而成的复合产品。中间膜可以根据需要选用安全性能更高的SGP、隔音性能更佳特制隔音胶片、节能效果更好的隔热胶片或装饰效果更丰富的彩色胶片。

### 产品特性

#### 安全性能:

当玻璃遭受到外力破坏后, 玻璃碎片不会飞溅, 仍保持完整状态, 防止被穿透, 通过特定组合可做成防弹玻璃或高强度防爆玻璃。

#### 隔音性能:

PVB等中间夹层对声波传播有阻碍作用, 使夹层玻璃能有效阻挡声音的传播, 降低噪音。

#### 防紫外线性能:

夹层玻璃对紫外线具有极高的阻挡作用(高达99%以上), 可以防止室内贵重家具、窗帘、陈列品和其他物品老化褪色。

#### 装饰性能:

PVB等中间夹层具有丰富的颜色, 配合镀膜, 彩釉可以使玻璃具有丰富的装饰效果。

### 应用

写字楼、地标性建筑、海底观光隧道、玻璃栈道、护栏、银行防弹窗、商业体等。

### 质量标准

符合建筑安全玻璃材料AS/NZS 2208:1996

符合ASTM C1172-14

符合欧洲标准EN14449:2005

符合GB 15763.3-2009

符合国家安全玻璃认证(CCC)

## Laminated Glass

Laminated glass is composed of two or more than two pieces of glass, and it's a layer or multi-layer PVB or EVA between of glass, through high temperature and high pressure processing and composite products. The intermediate film can be selected according to the need of SGP with higher safety performance, special sound-proof film with better sound-proof performance, heat-insulation film with better energy-saving effect or color film with richer decorative effect.

### Features

**Safety performance:** when the glass is damaged by external force, the glass fragments will not splash, but remain intact to prevent penetration. Bulletproof glass or high-strength explosion-proof glass can be made through specific combination.

**Sound insulation performance:** PVB has a blocking effect on sound wave propagation, so laminated glass can effectively block sound propagation and reduce noise.

**UV protection:** Laminated glass has a very high uv blocking effect (up to 99% above), and can prevent the aging and fading of valuable furniture, curtains, exhibits and other items in the room.

**Decorative performance:** PVB has rich color, with coating film, colored glaze can make the glass has rich decorative effect.

### Quality Standard

Safety glazing materials in buildings AS/NZS 2208:1996

In accordance with ASTM C1172-14

In accordance with EN14449:2005

In accordance with GB 15763.3-2009

Pass Chinese Safety Glass Compulsory Certification(CCC)

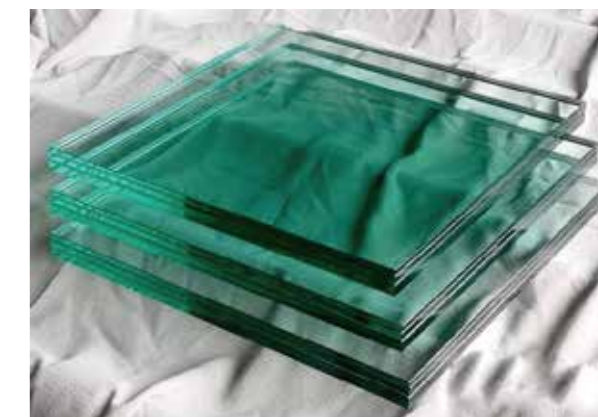
### 产品规格

单层玻璃厚度: 3-25mm

最大尺寸: 2850x6000mm

最小尺寸: 100x300mm

夹层: PVB, SGP, EVA, 装饰膜, 网等



### Product Specifications

Single Layer Glass Thickness: 3-25mm

Max. Size: 2850x6000mm

Min Size: 100x300mm

Interlayer: PVB, SGP, EVA, Decoration Film, mesh etc.

### Product Application

Office building, landmark buildings, submarine sightseeing tunnels, glass sky walkway, guard-rails, bank bulletproof windows, commercial bodies. etc.....

## 中空玻璃

中空玻璃是两片或两片以上玻璃中间用内部充满分子筛的铝框隔出一定宽度的干燥空间, 边部用高强度密封胶粘合而成的复合产品。

### 产品特性

#### 保温性能:

中空玻璃内密封干燥气体具有很低的导热系数, 使整个玻璃制品具有良好的保温性能, 创造一个舒适的居住环境。若使用低辐射镀膜玻璃、暖边间隔条、填充惰性气体, 可以进一步降低玻璃制品的传热系数;

#### 隔音性能:

中空玻璃具有良好的隔音效果, 达30分贝以上, 填充特定气体可再改善隔音性能;

#### 防结露:

中空玻璃腔体是干燥空气填充, 露点低于-40°C, 防止室内外温差导致结露;

#### 装饰性:

中空玻璃可以复合镀膜, 夹层, 彩釉等其他品种玻璃, 具有良好的装饰效果。

### 应用

住宅、办公楼、商场、宾馆、图书馆等的幕墙、采光天棚及其他需要保温、节能和宁静的场所。

### 质量标准

符合 AS/NZS 4666:2012

符合欧洲标准 EN1279-1:2004 & EN1279-5:2005

符合《中空玻璃》标准 GB/T 11944-2012

通过国家安全玻璃强制认证 CCC

### 产品规格

最大尺寸: 3500x8000mm

最小尺寸: 100x300mm

中空条厚度: 6A, 9A, 12A, 16A, 20A 等

单层玻璃厚度: 3mm-25mm



## Insulated Glass

Insulated glass is a compound product made of two or more pieces of glass with the aluminum frame filled with molecular sieve inside to separate out a certain width of dry space, and the edges are glued together with high strength sealant.

### Features

**Insulation performance:** insulating glass sealed dry gas has very low thermal conductivity, so that the whole glass products have good insulation performance, to create a comfortable living environment.

If low radiation coated glass, warm edge spacer and inert gas are used, the heat transfer coefficient of glass products can be further reduced.

**Sound insulation performance:** insulating glass has good sound insulation effect, up to more than 30 dB, filling specific gas can improve the sound insulation performance;

**Anti-condensation:** The cavity of insulating glass is filled with dry air, and the dew point is lower than -40°C to prevent condensation caused by the temperature difference between indoor and outdoor.

**Adornment sex:** hollow glass can compound coating film, interlayer, colour glaze wait for other kinds of glass, have good adornment effect.

### Product Application

Curtain walls, daylighting ceilings and other places that require heat preservation, energy saving and tranquility in residences, office buildings, shopping malls, hotels, libraries, etc.

### Quality Standard

Safety glazing materials in buildings AS/NZS 4666:2012

In accordance with EN1279-1:2004 & EN1279-5:2005

In accordance with Chinese Insulating Glass Standard GB/T 11944-2002

Pass Chinese Safety Glass Compulsory Certification(CCC)

### Product Specifications

Max. Size: 3500x8000mm

Min. Size: 100x300mm

Air Spacer Thickness: 6A, 9A, 12A, 16A, 20A, etc

Single Thickness of glass: 3-25mm

## 电控玻璃

采用特殊技术允许普通透明玻璃转换到半透明玻璃, 达到光学可见控制, 使用普通灯的电路开关控制。

### 产品特性

高的透光率: 通电后, 透光率可达82%, 一般只有76%

低工作电压: AC48/60V低电压输入, 一般要AC65V

更大的可见角度: 可见角度达145度, 一般只有130度

### 产品规格

Glass Thickness	Thickness laminating	Toughened glass	Non toughened glass	Max Size
4+4mm	≈9.5mm	L ≤ 1.5	L ≤ 1.0	≤2.0*4.2M
5+5mm	≈11.5mm	L ≤ 2.3	L ≤ 1.8	
6+6mm	≈13.5mm	L ≤ 3.0	L ≤ 2.3	
8+8mm	≈17.5mm	L ≤ 3.15	L ≤ 2.5	
12+12mm	≈26mm	L ≤ 3.15	L ≤ 2.5	

### 应用

办公室隔断, 商务中心, 门窗, 银行, 医院, 别墅, 浴室, 监狱隔断, 投影触摸。

### 质量标准

符合建筑安全玻璃材料 AS/NZS 2208:1996

符合 ASTM C1172-14

符合欧洲标准 EN14449:2005

符合 GB 15763.3-2009

符合国家安全玻璃认证 (CCC)

## Magic Switchable Glass

A unique technology of MSG allows it to be switched from an ordinary-looking clear glass to a translucent glass for ensuring optimal vision control. All it takes is a simple electrical switch as turning the lights on.

### Features

Higher light transmittance: light transmittance is up to 82% while other is max. 76% when it power on;

Lower Voltage : We use 48V/60V voltage while others use 65V;

Larger Visual Angle: MSG visual angle is 145 while others are only 130 degree.

### Quality Standard

Safety glazing materials in buildings AS/NZS 2208:1996

In accordance with ASTM C1172-14

In accordance with EN14449:2005

### Product Application

Office Partition, Business Centre, Windows & Doors, Bank, Hospital, Villa, Bathroom, Prison Partition, Projection Touch

In accordance with GB 15763.3-2009

Pass Chinese Safety Glass Compulsory Certification(CCC)



Acid Etching Effect (ON)



Acid Etching Effect (OFF)

## 数码打印玻璃

数码打印玻璃就是将纳米级陶瓷油墨通过设备喷绘到玻璃表面,并通过高温钢化工艺使之超强附着到玻璃上,来实现设计师对图案设计的要求。特点易于实现任何图案、设计及无局限的色彩范围,图案具有超前的持久性和精准性。

### 产品特性

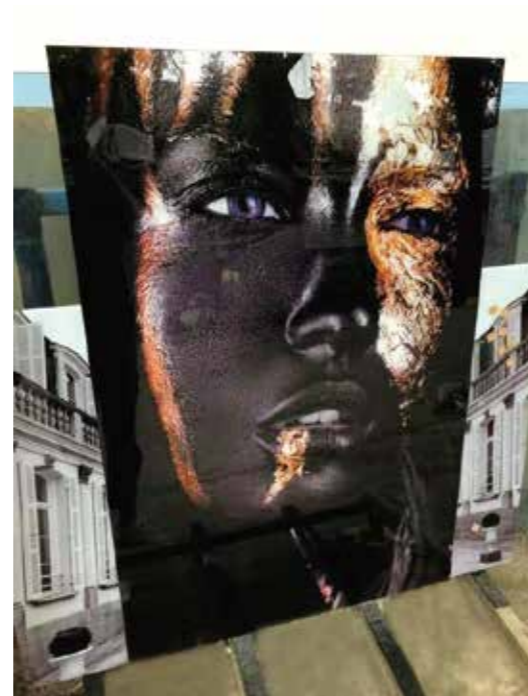
- 可钢化, 夹胶并制成各种复合玻璃产品;
- 支持各种色彩, 图案;
- 透光性好, 可以用作室外幕墙, 隔断;
- 耐划痕, 寿命长。

### 产品规格

单片玻璃厚度:3-25mm  
最大尺寸:3000\*6000mm  
最小尺寸:100x300mm

### 应用

品牌形象店、写字楼、高端概念酒店、地标性建筑, 玻璃栈道、淋浴房、室内隔断、商品宣传墙、教堂等。



### 质量标准

符合建筑物安全玻璃材料AS/NZS 2208:1996  
符合欧洲标准EN12150-1:2015 & EN12150-2:2004  
符合英国标准BS6206  
符合美国标准ASTM C1048  
符合国家标准GB15763.2-2005 & GB/T 17841-2008  
通过国家安全玻璃强制认证CCC

## Digital Printing Glass

Digital printing glass is made by spraying nano-level ceramic ink onto the glass surface through the equipment, and to make the ink super attached to the glass through the high-temperature toughening process to achieve the designer's design requirements. Its characteristics are easy to achieve any pattern, design and unlimited color range, the pattern has super durability and precision.

### Features

- Tempered, laminated and made into a variety of composite glass products
- Support a variety of colors, patterns
- Good light transmittance, used for outdoor curtain wall, partition
- Anti-scratch, long life

### Product Specifications

Thickness: 3-25mm  
Max. Size: 3000\*6000mm  
Min Size: 100x300mm

### Product Application

Brand image stores, office buildings, high-end concept hotels, landmark buildings, glass sky-way, shower rooms, indoor partitions, commodity propaganda walls, churches, etc.....

### Quality Standard

Safety glazing materials in buildings AS/NZS 2208:1996  
In accordance with EN12150-1:2015 & EN12150-2:2004  
In accordance with BS6206  
In accordance with ASTM C1048  
In accordance with Chinese Standard GB15763.2-2005 & GB/T 17841-2008  
Pass Chinese Safety Glass Compulsory Certification(CCC)

## 彩绘玻璃

彩绘玻璃又称,彩绘镶嵌玻璃,是用不同颜色的彩色玻璃按照图案切割成小块玻璃,然后用铅条或者铜条、锌条镶嵌在一起,做成各种色彩的色款,而后组成各种图案,人物,需要有光线在玻璃后面映照,才能彰显彩色玻璃的绚丽色彩,或是自然光,或是灯光。

### 产品特性

- 玻璃本身颜色就是彩色,永不褪色
- 色彩丰富,立体感强,支持各种图案,尺寸定制
- 透光性好,室外光线可以透过玻璃,呈现各种颜色光
- 耐紫外线,耐刮伤,耐腐蚀,寿命长
- 支持各种工艺,包括彩绘窗户,教堂玻璃,隔断,灯罩,幕墙,屏风等

### 产品规格

单层彩绘玻璃厚度:3mm  
复合彩绘玻璃厚度:16-100mm  
结构:钢化/夹胶玻璃+中空铝条+钢化/夹胶玻璃

### 应用

教堂、酒店、会所、酒吧、别墅的门窗、穹顶及城市公共环境的艺术装饰。需要有光线在玻璃后面映照,才能彰显彩色玻璃的绚丽色彩,或是自然光,或是灯光。

### 质量标准

符合 AS/NZS 4666:2012  
符合欧洲标准EN1279-1:2004 & EN1279-5:2005  
符合《中空玻璃》标准GB/T 11944-2012  
通过国家安全玻璃强制认证CCC

## Stained Glass

Stained glass is also called, Mosaic glass, it's to use different colors of colored glass according to the pattern, cut into small pieces of glass, and then use a lead or copper, zinc Mosaic together, make the color of the color of the bell, form all sorts of design, character, needs to have the light behind the glass reflected, to reveal the stained glass flowery colour, or natural light, or the light.

### Features

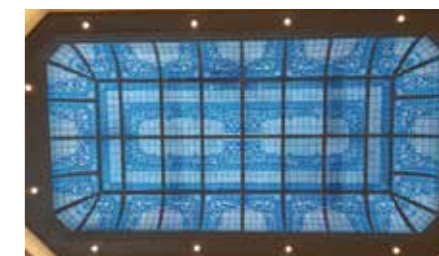
- The color of glass itself is color and never fades
- Rich color, strong sense of three-dimensional, support a variety of patterns, size customized
- Good light transmittance, outdoor light can pass through the glass, showing various colors of light
- Uv resistance, corrosion resistance, long life
- Support various crafts including painted Windows, church glass, partitions, lampshades, curtain walls, screens, etc

### Product Specifications

Single-layer stained glass thickness: 3mm  
Thickness of composite stained glass: 16-100mm  
Make-up: tempered/laminated glass + Air spacer + tempered/laminated glass

### Quality Standard

Safety glazing materials in buildings AS/NZS 4666:2012  
In accordance with EN1279-1:2004 & EN1279-5:2005  
In accordance with Chinese Insulating Glass Standard GB/T 11944-2002  
Pass Chinese Safety Glass Compulsory Certification(CCC)



### Product Application

Church, hotel, club, bar, villa doors and Windows, dome and urban public environment art decoration. You need light reflected behind the glass to show off the brilliant colors of the stained glass, either natural light or light.

## 国内项目 Projects List - Domestic

项目名称 Project Name	项目城市 Project Location	玻璃细节 Glass Details	数量 Qty(sqm)	完成时间 Completed Time
兰花管	广州	8+1.52pvb +8LOWE#4+12A+8超白双曲钢化夹胶	900	进行中
智能生产基地建设	汕头	6LOWE#2+12A+6超白双曲钢化中空; 10LOWE#2+12A+10超白双曲钢化中空;	800	进行中
三亚免税店	三亚	HS12+2.28PVB+HS12双银low-e+16A+ TP15 超白曲面双曲钢化夹胶中空玻璃	3000	进行中
中泰印邸	深圳	6LOWE#2+12A+6超白双曲钢化中空	2000	2021
壹方城	深圳	8+1.52pvb +8超白双曲钢化夹胶	100	2021
惠州北站	惠州	8+1.52pvb +8超白双曲钢化夹胶; 8+1.52pvb +8LOWE#4+12A+8超白双曲钢化夹胶中空	3500	2021
松山湖终端一号	东莞	10+1.52SGP+10超白钢化夹胶	250	2021
汽车小镇	广州	6+0.76PVB+6白玻钢化夹胶	12000	2021
凤铝大厦	广州	6mm半钢化+1.14pvb+6mm XETB0170#4半钢化+12A+6mm超白钢化; 10mm半钢化+1.9SGP+10mmlow-e XETB0170#4半钢化+10mm超白钢化	6600	2021
玖誉城	南宁	5mm白玻钢化+0.76PVB+5mm白玻钢化彩釉#4; 8mm超白钢化+1.52PVB+8mm超白钢化; 12mm白玻钢化+1.52PVB+12mm白玻钢化	2100	2021
花都售楼部	广州	8+1.52pvb +8超白双曲钢化夹胶	300	2021
球顶	苏州	6+1.52pvb +6超白双曲钢化夹胶	150	2021
三亚双曲	三亚	8+1.52pvb +8LOWE#4+12A+8超白双曲钢化夹胶中空	220	2021
东澳岛	珠海	10+1.14PVB+10白玻钢化夹胶	1300	2021
花样年旭辉好时光家园	深圳	6mm超白钢化+12A+6mm超白钢化; 8mm超白钢化+12A+8mm超白钢化; 12mm Low-E(XDTG0160)#2 钢化+12A+12mm白玻钢化	550	2021
玖龙台	深圳	8+1.52PVB+8超白钢化玻璃; 8mm Low-E(XETN180)#2钢化+12A+10mm白玻钢化	1400	2021
广州金融城	广州	8mm白玻钢化+1.14PVB+8mm白玻钢化	100	2021
广汽研究院	广州	8mm单片弯玻璃全幅彩釉#2; 6mm Low-E(XDTB0140)#2+12A+6mm彩釉#3弯钢化中空玻璃; 10mm Low-E(XDTB0140)#2+12A+10mm渐变彩釉#3弯钢化中空玻璃; 6mm白玻钢化+2.28PVB+6mm Low- 6mm白玻钢化+12A+6mm白玻钢化; 8mm超白钢化+12A+8mm超白钢化; 8mm 单银Low-E(Super SE-III (#2))+12A+8mm白玻钢化中空玻璃	2300	2021
大丰安	深圳	8mm超白双曲钢化+2.28PVB+8mm Low-E(XETN0080) #4 双曲钢化+12A+12mm超白双曲钢化夹胶 中空玻璃	300	2021
佳兆业乐园	深圳	8mm超白双曲钢化+2.28PVB+8mm Low-E(XETN0080) #4 双曲钢化+12A+12mm超白双曲钢化夹胶 中空玻璃	550	2021
凯悦酒店	深圳	8+1.52SGP+8弯钢化夹胶超白玻璃; 19+2.28PVB+19钢化夹胶超白玻璃; 6+1.52PVB+6(Low- E)+12A+8mm中空钢化超白玻璃 (Super N2) ; 10mm Low-E (Super N2 (#2))+12A+10超白弯钢化玻璃	800	2020
众德物流园	深圳	6LOW-E+12A(结)+6白双曲钢化中空	2000	2020
华盛观荟名庭	深圳	5LOW-E+9A(聚)+5白双曲钢化中空	1000	2020
中信红树湾	珠海	5白+12A+5白双钢/8白+1.52 (透明) +8白双钢	1800	2020
龙圣堡	深圳	6LOW-E+12A+6白玻双曲钢化中空	250	2020
御景翠峰	深圳	6LOW-E+12A+6白玻双曲钢化中空	1000	2020
领航城三期	深圳	6LOW-E+9A+6白玻双曲钢化中空	600	2020
清远市天颐一品	清远市	5LOW-E+6A+5白玻双曲钢化中空	500	2020
金融中心A标	福建省龙岩市	8LOW-E+12A+6白玻双曲钢化中空	800	2020
金融中心B标	福建省龙岩市	8LOW-E+12A+8彩釉双曲钢化中空	1100	2020
波顿香精	深圳	12mm 白玻钢化/5+5夹丝玻璃	700	2020
厦门禹洲	厦门	8LOW-E+12A+6白玻双钢化	2500	2020
琶洲保利地块十一	广州	6mm/8mm 镀膜钢化	1200	2020
清远技校	清远	6mm 绿镀膜钢化	900	2020



### 茂名奥林匹克体育中心 Maoming Olympic Sports Center

Project Name: Maoming Olympic Sports Center  
Completed Time: 2025  
Glass Quantity: 1000sqm  
Glass Details: 8mm+1.52SGP+8LOW-E#4+12A+12curved tempered glass;

项目名称: 茂名奥林匹克体育中心  
完工时间: 2025 年  
玻璃数量: 1000 平方米  
玻璃结构: 8mm+1.52SGP+8LOW-E#4+12A+12mm 弯钢化玻璃;

### 中国纳米研究院 China Nano Research Institute

Project Name: China Nano Research Institute  
Completed Time: 2022  
Glass Quantity: 4500sqm  
Glass Details:  
6mm low iron double curved tempered glass+2.28SGP+6mm low iron double curved tempered glass+18A+6mm low iron double curved tempered glass+2.28SGP+6mm low iron double curved tempered glass;

项目名称: 中国纳米研究院  
完工时间: 2022年  
玻璃数量: 4500sqm  
玻璃结构: 6mm 超白双曲弯钢+2.28SGP+6mm 超白双曲弯钢+18A+6mm 超白双曲弯钢+2.28SGP+6mm 超白双曲弯钢夹胶中空玻璃;



### 南昌东站 Nanchang East Railway Station

Project Name: Nanchang East Railway Station  
Completed Time: 2023  
Glass Quantity: 2800sqm  
Glass Details: 12mm Low-E(#2) double curved tempered glass+12Ar+8mm low iron double curved tempered glass+1.52PVB+8mm low iron fire-proof double curved tempered glass;

项目名称: 南昌东站  
完工时间: 2023年  
玻璃数量: 2800sqm  
玻璃结构: 12mm Low-E(#2) 双曲弯钢化+12Ar+8mm 超白双曲弯钢化+1.52PVB+8mm 超白钾防火双曲弯钢化;



**广州白云站**  
**Guangzhou Baiyun Station**

Project Name: Guangzhou Baiyun Station  
Completed Time: 2023  
Glass Quantity: 4000sqm  
Glass Details: 6mm low iron double curved tempered glass+2.28PVB+6mm Low-E(#4) double curved tempered glass+12A+8mm low iron double curved tempered glass;  
8mm low iron curved tempered glass+2.28PVB+8mm Low-E(#4) curved tempered glass+12A+10mm low iron curved tempered glass;  
8mm low iron tempered glass+2.28PVB+8mm Low-E(#4) tempered glass+12A+10mm low iron tempered glass;

项目名称: 广州白云站  
完工时间: 2023 年  
玻璃数量: 4000sqm  
玻璃结构: 6mm超白双曲弯钢+2.28PVB+6mm Low-E(#4) 双曲弯钢+12A+8mm超白双曲弯钢;  
8mm超白弯钢+2.28PVB+8mm Low-E(#4) 弯钢+12A+10mm超白弯钢;  
8mm超白钢化+2.28PVB+8mm Low-E(#4) 钢化+12A+10mm超白钢化;



**广州金融城**  
**Guangzhou Financial City**

Project Name: Guangzhou Financial City  
Completed Time: 2023  
Glass Quantity: 100sqm  
Glass Details: 8mm clear tempered glass+1.14PVB+8mm clear tempered glass;

项目名称: 广州金融城  
完工时间: 2023年  
玻璃数量: 100平方米  
玻璃结构: 8mm白玻钢化玻璃+1.14PVB+8mm白玻钢化玻璃;



**惠州北站**  
**Huizhou North Railway Station**

Project Name: Huizhou North Railway Station  
Completed Time: 2021  
Glass Quantity: 3500sqm  
Glass Details: 8mm low iron double curved tempered glass+1.52pvb +8mm low iron double curved tempered glass ;  
8mm low iron double curved tempered glass+1.52pvb+8mm LOWE#4+12A+8mm low iron double curved laminated insulated tempered glass;

项目名称: 惠州北站  
完工时间: 2021年  
玻璃数量: 3500平方米  
玻璃结构:  
8mm超白双曲弯钢化玻璃+1.52pvb +8mm超白双曲弯钢化夹胶玻璃 ;  
8mm超白双曲弯钢化玻璃+1.52pvb+8mm LOWE#4+12A+8mm超白双曲弯钢化夹胶中空玻璃;



**杭州西站**  
**Hangzhou West Railway Station**

Project Name: Hangzhou West Railway Station  
Completed Time: 2022  
Glass Quantity: 1800sqm  
Glass Details: 6mm low iron double curved tempered glass+12A+6mm low iron double curved tempered glass+1.52pvb +6mm low iron double curved tempered glass;

项目名称: 杭州西站  
完工时间: 2022年  
玻璃数量: 1800平方米  
玻璃结构: 6mm超白双曲弯钢化玻璃+12A+6超白双曲弯钢化玻璃+1.52pvb +6超白双曲弯钢化夹胶中空玻璃;



**马山站**  
**Ma Shan Station**

Project Name: Ma Shan Station  
Completed Time: 2023  
Glass Quantity: 800sqm  
Glass Details: 6mm Low E glass#2+12A+6mm low iron double curved tempered glass+1.52pvb +6mm low iron double curved tempered laminated insulated glass;

项目名称: 马山站  
完工时间: 2023年  
玻璃数量: 800平方米  
玻璃结构: 6mm Low E#2+12A+6mm超白双曲弯钢化玻璃+1.52pvb +6mm超白双曲弯钢化夹胶中空;



**沅江船舶馆**  
**Yuanjiang Shipyard**

Project Name: Yuanjiang Shipyard  
Completed Time: 2023  
Glass Quantity: 120sqm  
Glass Details: 6mm+2.28PVB+6mm low E double curved shaped laminated tempered glass;

项目名称: 沅江船舶馆  
完工时间: 2023年  
玻璃数量: 120平方米  
玻璃结构: 6mm+2.28PVB+6mm镀膜双曲异形弯钢化夹胶玻璃;



**深圳滨海艺术中心罗湖馆**  
**Shenzhen Binhai Art Center Luohu Pavilion**

Project Name: Shenzhen Binhai Art Center Luohu Pavilion  
Completed Time: 2021  
Glass Quantity: 800sqm  
Glass Details: 8mm low e glass#2+2.28pvb+8mm low iron curved laminated glass;

项目名称: 深圳滨海艺术中心罗湖馆  
完工时间: 2021年  
玻璃数量: 800平方米  
玻璃结构: 8mm镀膜玻璃 #2+2.28pvb+8mm超白半圆弯夹胶;



**深圳大鹏金沙湾国际乐园**  
**Shenzhen Dapeng Jinshawan International Paradise**

Project Name: Shenzhen Dapeng Jinshawan International Paradise  
Completed Time: 2021  
Glass Quantity: 550sqm  
Glass Details: 8mm low iron double curved tempered glass+2.28PVB+8mm Low-E#4 double curved tempered glass+12A+12mm low iron double curved laminated insulated tempered glass;

项目名称: 深圳大鹏金沙湾国际乐园  
完工时间: 2021年  
玻璃数量: 550平方米  
玻璃结构: 8mm超白双曲弯钢化+2.28PVB+8mm Low-E#4 双曲弯钢化+12A+12mm超白双曲弯钢化夹胶中空玻璃;



**广州卡莲娜化妆品**  
**Guangzhou Carina Cosmetics**

Project Name: Guangzhou Carina Cosmetics  
Completed Time: 2022  
Glass Quantity: 600sqm  
Glass Details: 6mm LOWE#2+12A+6mm double curved shaped laminated glass;

项目名称: 广州卡莲娜化妆品  
完工时间: 2022年  
玻璃数量: 600平方米  
玻璃结构: 6mm LOWE#2+12A+6mm 镀膜双曲异形弯钢化夹胶玻璃;



**珠海海滨泳场人行过街出口玻璃盖**  
**Zhuhai Seaside Swimming Pool Exit**

Project Name: Zhuhai Seaside Swimming Pool Exit  
Completed Time: 2021  
Glass Quantity: 300sqm  
Glass Details: 15mm low iron double curved tempered glass+2.28pvb+8mm low iron double curved tempered glass+12A+8mm low iron double curved tempered laminated insulated glass;

项目名称: 珠海海滨泳场人行过街出口  
完工时间: 2021年  
玻璃数量: 300平方米  
玻璃结构: 15mm超白双曲弯钢化玻璃+2.28pvb+8mm超白双曲夹胶中空+12A+8mm超白双曲夹胶中空玻璃;



**广汽研究院**  
**Guangzhou Automobile Works (GAW)**

Project Name: Guangzhou Automobile Works (GAW)  
Completed Time: 2021  
Glass Quantity: 2300sqm  
Glass Details: 8mm curved tempered glass with full ceramic frit#2; 6mm Low-E(XDTB0140)#2+12A+6mm ceramic frit#3 streight&curved tempered insulated glass; 10mm Low- E(XDTB0140)#2+12A+10mm gradient ceramic frit#3 curved tempered insulated glass; 6mm clear curved tempered glass+2.28PVB+6mm Low-E(XDTB0140)#4 curved tempered glass+12A+6mm clear curved tempered gradient ceramic frit#5; 8mm clear curved tempered glass+2.28PVB+8mm Low-E(XDTB0140)#4 curved tempered glass+12A+10mm clear curved tempered gradient ceramic frit #5;

项目名称: 广汽研究院  
完工时间: 2021年  
玻璃数量: 2300平方米  
玻璃结构: 8mm单片弯玻璃全幅彩釉#2; 6mm Low-E(XDTB0140)#2+12A+6mm 彩釉#3直+弯钢化中空玻璃; 10mm Low- E(XDTB0140)#2+12A+10mm 渐变彩釉#3弯钢化中空玻璃; 6mm白玻弯钢化+2.28PVB+6mm Low-E(XDTB0140)#4 弯钢化+12A+6mm白玻弯钢化渐变彩釉 #5夹胶中空玻璃; 8mm白玻弯钢化+2.28PVB+8mm Low-E(XDTB0140)#4 弯钢化+12A+10mm白玻弯钢化渐变彩釉 #5夹胶中空玻璃;



**东莞黄江旭辉售楼处**  
**Dongguan Huangjiang Asahi Sales Office**

Project Name: Dongguan Huangjiang Asahi Sales Office  
Completed Time: 2022  
Glass Quantity: 1400sqm  
Glass Details: 8mm low iron tempered glass+2.28PVB+8mm gradient ceramic frit tempered glass+12A+12mm low iron laminated insulated tempered glass; 6mm low iron tempered glass+2.28PVB+6mm low iron ceramic frit tempered single&double curved glass;

项目名称: 东莞黄江旭辉售楼处  
完工时间: 2022年  
玻璃数量: 1400平方米  
玻璃结构: 8mm超白钢化玻璃+2.28PVB+8mm渐变彩釉钢化玻璃+12A+12mm超白钢化中空夹胶玻璃; 6mm超白钢化玻璃+2.28PVB+6mm彩釉超白钢化夹胶单曲&双曲玻璃;

## 国外项目 Project List - Overseas

项目名称 Project Name	项目城市 Project Location	玻璃细节 Glass Details	数量 Qty(sqm)	完成时间 Completed Time
HIA	Doha	10+1.52PVB+10 low iron tempered laminated glass	6000	not completed yet
MILE STONE	Philippine	6XETS160#2 HS+12A+6CT single curved IGU glass	2000	not completed yet
Dubai Terminal 1	Doha	19mm Clear FT+2.28pvb+19mm Clear FT+2.28pvb+19mm Clear FT	250	not completed yet
Doha Education City	Doha	10mm Clear+1.52pvb+10mm Clear laminated Glass	400	not completed yet
Doha Metro	Doha	6mm ceramic frit glass, 6CT+1.52pvb+8CT, 15CT+1.52pvb+15CT,	600	not completed yet
Doha White Palace	Doha	10mm Clear+1.52pvb+10mm Clear laminated Glass	300	not completed yet
WCHB467	HongKong	8mm Clear Tempered Glass w/HST; 19+19 Clear Curved Tempered Laminated Glass w/HST	600	not completed yet
Abudhabi Airport	UAE	8mm clear tempered curved glass	500	2021
Indonesia Smoke Solution	Indonesia	4CT+1.52pvb+4CT, 8mm clear tempered curved glass	1500	2021
Sheraton Hong Kong Hotel	HongKong	12mm CT+1.52pvb+12mm CT, 12mm Clear+1.52pvb+12mm Clear Curved Glass	500	2021
Golden Financial Global Centre	HongKong	8mm Low-Iron Low-E Curved Glass+12A+8mm Low-Iron Curved Glass	1200	2021
TMTL435	HongKong	10mm Clear+1.52pvb+10mm Clear laminated Glass	1000	2021
TMTL542		15+1.52SGP+15+1.52SGP+15+1.52SGP+15+1.52SGP+15+1.52SGP+15 Low Iron tempered laminated glass ; 15+1.52SGP+15+1.52SGP+15+1.52SGP+15 Low Iron tempered laminated glass; 19mm low iron tempered glass.22mm clear tempered glass	2200	2021
Hung Hom Binhai Plaza		10mm Clear+1.52pvb+10mm Clear laminated Glass	700	2021
Kaitak Airport		8/10/12mm Clear tempered Glass, 8+8/10+10/12+12/15+15/19+19mm ceramic tempered laminated Glass	1200	2021
Sheraton Hong Kong Hotel		12mm crystal grey+1.52pvb+12mm CT, 12mm Clear ceramic fritting #2+1.52pvb+12mm Clear Curved Glass	3500	2021
Tungchung Town		8mm Low-Iron Curved Glass+1.52PVB+8mm Low-Iron Curved Glass	500	2021
Hongkong Lok Wo Sha		15mm Low-Iron +1.52PVB+15mm Low-Iron tempered laminated Glass, 8/10/12mm crystal grey tempered glass	3000	2021
Golden Financial Global Centre		8mm Low-Iron Curved Glass+1.52PVB+8mm Low-Iron Curved Glass	500	2021
Hongkong Tseung Kwan O		8mm, 10mm, 12mm F Green tempered glass, 8+1.52pvb+8mm, 10+1.52pvb+10mm, 12+1.52pvb+12mm,	800	2021
Macau Galaxy Hotel 1st Phase		Macau	15mm Clear FT With Pokka Dots+2.28PVB+15mm Clear FT with Heat Soaked	1100
Macau Galaxy Hotel 2nd Phase	8mm Low-Iron Hot Curved+1.52PVB+8mm Low-Iron Hot Curved		1200	2021
Macau Lisboa Hotel Under Pass	19mm Low-Iron Hot Curved+3.04PVB+19mm Low-Iron Hot Curved		500	2020
Macau Lisboa Hotel Footbridge	19mm Low-Iron+3.04PVB+19mm Low-Iron		800	2020
Macau Thomson Grand Suite	8mm Low-E (LET170)#2Tempered HS+6AS+6mm Clear Tempered HS		1500	2020
Proposed Residential Development Mingmshijia	8mm LowE +6A +6mm clear tempered glass,6mm LowE +6A +6mm clear tempered glass		200	2020



### 菲律宾高端商业大厦 High-end Commercial Building In The Philippines

Project Name: High-end Commercial Building In The Philippines  
Completed Time: 2022  
Glass Quantity: 2000sqm  
Glass Details: 6mm clear tempered Low E glass#2+12A+6mm clear tempered glass;

项目名称: 菲律宾高端商业大厦  
完工时间: 2022年  
玻璃数量: 2000平方米  
玻璃结构: 6mm白玻双银LowE#2+12A+6mm白玻钢化中空玻璃;

### 南非The Bank酒店 South Africa The Bank Hotel

Project Name: South Africa The Bank Hotel  
Completed Time: 2019  
Glass Quantity: 500sqm  
Glass Details: 6mm green tempered glass+1.52PVB+6mm green tempered glass;

项目名称: 南非The Bank酒店  
完工时间: 2019年  
玻璃数量: 500平方米  
玻璃结构: 6mm绿波钢化+1.52PVB+6mm绿波钢化;



### 意大利奢侈品店展柜 Italian Luxury Showcase

Project Name: Italian Luxury Showcase  
Completed Time: 2019  
Glass Quantity: 200sqm  
Glass Details: 8mm low iron curved tempered glass;

项目名称: 意大利奢侈品展柜  
完工时间: 2019年  
玻璃数量: 200平方米  
玻璃结构: 8mm超白弯钢化玻璃;



**多哈地铁站**  
**Doha Metro Station**

Project Name: Doha Metro Station  
 Completed Time: Not completed yet  
 Glass Quantity: 600sqm  
 Glass Details:  
 6mm low iron ceramic frit tempered glass;  
 6mm clear tempered glass+1.52pvb+8mm clear tempered glass;  
 15mm clear tempered glass+1.52pvb+15mm clear tempered glass;

项目名称: 多哈地铁站  
 完工时间: 进行中  
 玻璃数量: 600平方米  
 玻璃结构:  
 6mm超白彩釉钢化玻璃;  
 6mm白钢化+1.52pvb+8mm白钢化;  
 15mm白钢化+1.52pvb+15mm白钢化;



**Opus Dubai**



**Israel-Switchable Glass**



**Stained Glass Wall in France**



**巴林赛车场**  
**Bahrain International Circuit**

Project Name: Bahrain International Circuit  
 Completed Time: 2023  
 Glass Quantity: 200sqm  
 Glass Details:  
 6mm grey tinted tempered glass+1.52PVB+6mm clear tempered glass+16A+6mm clear tempered glass;

项目名称: 巴林赛车场  
 完工时间: 2023  
 玻璃数量: 200平方米  
 玻璃结构: 6mm欧洲灰钢化玻璃+1.52PVB+6mm白钢化+16A+6mm白钢化;



**Doha Lusai LRT Station**



UAE The One @ the Palm



Bahrain international F1 car racing 1



Doha Metro



HONGKONG project TMT542



HONGKONG combine rendering draft



Dubai Ho

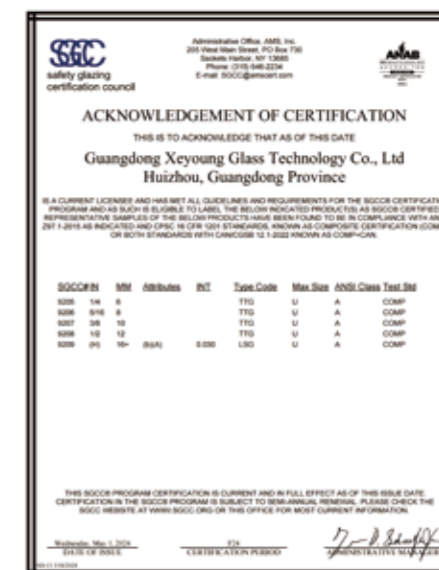


HONGKONG project 四三街

# 证书 Certificate



# 证书 Certificate



# 玻璃性能数据 Performance Data for LOW-E Glass

Type	Glass Specification	Visible Light			Solar Energy			U-Value				SC	SHGC	RHG (W/M2)
		Trans.	Reflect.		Trans.	Refl.	Abs.	Winter Night		Summer Day				
			Outd.	Ind.				Air	Argon	Air	Argon			
<b>Substrate: Clear Glass</b>														
Single- Silver LOWE Glass	6XETS0140+12A+6C	35	27	9	22	27	48	1.76	/	1.74	/	0.33	0.29	224
	6EG4112-01+12A+6C	41	12	15	24	30	43	1.73	/	1.70	/	0.35	0.30	231
	6XETS0150+12A+6C	44	29	13	27	30	40	1.74	/	1.72	/	0.39	0.34	258
	6XETB0150+12A+6C	44	20	10	26	23	47	1.78	/	1.76	/	0.39	0.34	257
	6XETG0152+12A+6C	46	24	11	27	29	40	1.78	/	1.77	/	0.39	0.34	258
	6EG5113-01+12A+6C	51	13	13	30	27	39	1.70	/	1.66	/	0.42	0.37	279
	6XETS0160+12A+6C	53	20	11	32	25	39	1.74	/	1.71	/	0.45	0.39	297
	6XETB0160+12A+6C	53	19	10	33	22	41	1.78	/	1.77	/	0.46	0.40	306
	6XETG0170+12A+6C	62	15	10	39	21	35	1.78	/	1.77	/	0.53	0.46	349
	6XE1769-01+12A+6C	61	22	15	35	29	33	1.71	/	1.67	/	0.47	0.41	308
	6XETB0170+12A+6C	64	11	11	39	19	37	1.81	/	1.81	/	0.54	0.47	354
	6XETNO180+12A+6C	71	10	12	48	15	31	1.80	/	1.79	/	0.64	0.56	418
Double- Silver LOWE Glass	6DG4106-01+12A+6C	41	6	10	20	19	60	1.63	/	1.57	/	0.30	0.26	201
	6DG4119-01+12A+6C	41	19	15	17	36	45	1.62	/	1.55	/	0.26	0.22	174
	6XDTB0141+12A+6C	42	22	26	20	27	51	1.64	/	1.58	1	0.30	0.26	201
	6DG4707-01+12A+6C	47	7	9	22	23	53	1.64	/	1.58	/	0.32	0.28	216
	6XDTG0156+12A+6C	50	17	15	28	28	41	1.67	/	1.61	/	0.39	0.34	261
	6XDTG0155+12A+6C	51	26	27	22	39	38	1.65	/	1.60	/	0.30	0.27	204
	6XDTG0160+12A+6C	54	19	18	27	29	42	1.64	/	1.58	/	0.37	0.32	247
	6DG5407-01+12A+6C	54	7	13	24	24	50	1.62	/	1.56	/	0.35	0.30	232
	6DG5516-01+12A+6C	55	16	17	25	34	39	1.63	/	1.57	/	0.34	0.30	227
	6DG5018-01+12A+6C	50	18	21	22	31	45	1.61	/	1.54	/	0.32	0.28	212
	6XDTG0167+12A+6C	60	18	19	27	38	32	1.64	/	1.56	/	0.37	0.32	244
	6XDTB0170+12A+6C	61	13	16	29	32	37	1.64	/	1.58	/	0.39	0.34	261
	6XDTB0171+12A+6C	63	16	17	34	28	35	1.65	/	1.59	/	0.46	0.40	303
	6XDTNO182+12A+6C	72	10	11	36	27	32	1.63	/	1.56	/	0.48	0.42	318
6XDTNO179+12A+6C	72	10	11	38	24	34	1.64	/	1.58	/	0.51	0.44	331	
Triple- Silver LOWE Glass	6TG4110-01+12A+6C	41	9	18	15	28	56	1.61	/	1.54	/	0.24	0.21	161
	6TG5112-01+12A+6C	50	11	17	19	31	49	1.61	/	1.54	/	0.28	0.24	186
	6XTTG0167A+12A+6C	60	13	15	24	42	33	1.66	/	1.61	/	0.32	0.28	213
	6XTTG0170A+12A+6C	63	13	15	25	44	29	1.66	/	1.61	/	0.33	0.29	223

Type	Glass Specification	Visible Light			Solar Energy			U-Value				SC	SHGC	RHG (W/M2)
		Trans.	Reflect.		Trans.	Refl.	Abs.	Winter Night		Summer Day				
			Outd.	Ind.				Air	Argon	Air	Argon			
<b>Substrate: Low Iron Glass</b>														
Single- Silver LOWE Glass	6XETS0040+12A+6CH	36	29	11	26	35	38	1.76	/	1.74	/	0.35	0.31	236
	6EG4112-00+12A+6CH	43	14	17	28	40	31	1.73	/	1.70	/	0.36	0.32	243
	6XETS0050+12A+6CH	46	31	14	32	37	29	1.74	/	1.72	/	0.41	0.36	273
	6XETB0050+12A+6CH	45	21	11	31	28	41	1.78	/	1.76	/	0.41	0.35	270
	6XETG0052+12A+6CH	47	26	11	30	38	28	1.78	/	1.77	/	0.41	0.36	272
	6EG5113-00+12A+6CH	53	15	14	36	37	26	1.70	/	1.66	/	0.45	0.39	298
	6XETS0060+12A+6CH	55	22	12	38	32	29	1.74	/	1.71	/	0.48	0.42	316
	6XETB0060+12A+6CH	55	20	11	39	28	32	1.78	/	1.77	/	0.50	0.43	327
	6XE1769-00+12A+6CH	64	24	17	41	38	20	1.71	/	1.67	/	0.50	0.44	328
	6XETG0070+12A+6CH	64	17	11	46	28	25	1.78	/	1.77	/	0.57	0.50	374
	6XETB0070+12A+6CH	66	13	12	47	25	27	1.81	/	1.81	/	0.58	0.50	379
	6XETNO080+12A+6CH	73	11	13	57	20	21	1.80	/	1.79	/	0.70	0.61	453
Double- Silver LOWE Glass	6DG4106-00+12A+6CH	43	7	12	22	25	52	1.63	/	1.57	/	0.31	0.27	207
	6DG4119-00+12A+6CH	42	20	16	19	49	32	1.62	/	1.55	/	0.25	0.22	173
	6XDTB0041+12A+6CH	43	23	28	23	35	42	1.64	/	1.58	/	0.31	0.27	206
	6DG4707-00+12A+6CH	49	8	11	25	32	43	1.64	/	1.58	/	0.33	0.29	221
	6DG5018-00+12A+6CH	51	19	23	25	41	33	1.61	/	1.54	/	0.32	0.28	215
	6XDTG0056+12A+6CH	51	18	16	33	37	29	1.66	/	1.61	/	0.41	0.36	273
	6XDTG0055+12A+6CH	53	27	28	24	50	25	1.65	/	1.60	/	0.31	0.27	206
	6XDTG0060+12A+6CH	56	20	20	30	38	31	1.64	/	1.58	/	0.38	0.33	254
	6DG5407-00+12A+6CH	56	8	14	27	33	39	1.62	/	1.56	/	0.36	0.31	238
	6DG5516-00+12A+6CH	57	17	19	27	46	26	1.63	/	1.57	/	0.35	0.30	230
	6XDTG0067+12A+6CH	62	20	21	31	50	18	1.62	/	1.56	/	0.38	0.33	249
	6XDTB0070+12A+6CH	63	15	17	32	43	24	1.64	/	1.58	/	0.41	0.35	268
	6XDTB0071+12A+6CH	65	17	18	39	37	23	1.65	/	1.59	/	0.48	0.42	317
	6XDTNO079+12A+6CH	74	11	12	43	34	22	1.64	/	1.58	/	0.53	0.46	347
6XDTNO082+12A+6CH	75	10	12	42	39	19	1.63	/	1.56	/	0.51	0.44	332	
Triple- Silver LOWE Glass	6TG4110-00+12A+6CH	43	10	20	16	39	45	1.61	/	1.54	/	0.23	0.20	157
	6TG5112-00+12A+6CH	51	12	19	20	43	37	1.61	/	1.54	/	0.27	0.24	183
	6XTTG0067B+12A+6CH	61	13	16	25	49	25	1.66	/	1.61	/	0.32	0.28	215
	6XTTG0070B+12A+6CH	65	15	17	27	54	18	1.66	/	1.61	/	0.34	0.30	226

## 玻璃性能数据 Performance Data for Float Glass

Glass Specification	Visible Light			Solar Energy		U-Value				SC	SHGC	RHG (W/M2)
	Trans.	Reflect.		Trans.	Reflect.	Winter		Summer				
		Outdoor	Indoor			Air	Argon	Air	Argon			
5mm Clear	90	7	7	83	6	5.85	\	5.28	\	0.99	0.86	667
6mm Clear	89	7	7	80	6	5.81	\	5.25	\	0.97	0.84	651
8mm Clear	89	7	7	78	6	5.75	\	5.19	\	0.95	0.83	641
10mm Clear	87	7	7	74	6	5.67	\	5.13	\	0.92	0.80	621
12mm Clear	87	7	7	72	6	5.61	\	5.08	\	0.91	0.79	613
15C	86	7	7	69	6	5.52	\	4.99	\	0.88	0.77	597
6C+1.52P+6C	85	7	7	65	5	5.39	\	4.89	\	0.85	0.74	576
8C+1.52P+8C	84	7	7	62	5	5.28	\	4.79	\	0.83	0.72	563
10C+1.52P+10C	82	7	7	56	5	5.16	\	4.69	\	0.79	0.69	537
12C+1.52P+12C	81	7	7	54	5	5.05	\	4.60	\	0.78	0.67	527
15C+2.28P+15C	79	7	7	49	5	4.82	\	4.40	\	0.75	0.65	506
19C+2.28P+19C	76	7	7	44	5	4.63	\	4.24	\	0.71	0.61	481
8C+12A+8C	79	13	12	62	10	2.67	\	2.81	\	0.83	0.72	544
10C+12A+10C	77	12	12	56	9	2.64	\	2.77	\	0.79	0.68	517
5mm French Green	77	6	6	48	5	5.85	\	5.28	\	0.72	0.62	495
6mm French Green	75	6	6	44	5	5.81	\	5.25	\	0.69	0.59	474
8mm French Green	70	6	6	36	4	5.74	\	5.19	\	0.63	0.54	437
10mm French Green	65	5	5	30	4	5.67	\	5.13	\	0.59	0.50	409
12mm French Green	60	5	5	25	4	5.61	\	5.07	\	0.56	0.48	389
5mm Crystal Grey	68	7	7	61	6	5.85	\	5.28	\	0.82	0.71	558
6mm Crystal Grey	64	6	6	56	5	5.81	\	5.25	\	0.78	0.68	535
8mm Crystal Grey	56	6	6	48	5	5.74	\	5.188	\	0.72	0.62	495
10mm Crystal Grey	50	6	6	42	5	5.68	\	5.134	\	0.68	0.58	466
12mm Crystal Grey	44	6	6	36	5	5.62	\	5.078	\	0.63	0.54	438
5mm Euro Grey	50	5	5	50	5	5.9	\	5.28	\	0.73	0.63	502
6mm Euro Grey	45	5	5	44	5	5.82	\	5.248	\	0.69	0.59	474
8mm Euro Grey	35	5	5	34	4	5.75	\	5.19	\	0.62	0.53	429
10mm Euro Grey	26	4	4	26	4	5.67	\	5.128	\	0.56	0.48	393
12mm Euro Grey	21	4	4	21	4	5.62	\	5.081	\	0.52	0.44	367
5mm Low Iron	91	8	8	89	8	5.85	\	5.28	\	1.04	0.90	696
6mm Low Iron	91	8	8	89	8	5.81	\	5.243	\	1.03	0.90	694
8mm Low Iron	91	8	8	89	7	5.75	\	5.19	\	1.03	0.90	693
10mm Low Iron	90	8	8	87	8	5.68	\	5.13	\	1.02	0.89	682
12mm Low Iron	90	8	8	87	7	5.62	\	5.08	\	1.02	0.89	684
19mm Low Iron	90	8	8	84	7	5.40		4.89		1.00	0.87	666
22mm Low Iron	87	7	7	78	6	5.30		4.81		0.95	0.83	638
5Low Iron+1.52P+5Low Iron	91	8	8	83	8	5.46	\	4.94	\	0.98	0.85	658
6Low Iron+1.52P+6Low Iron	91	8	8	82	7	5.40		4.89		0.98	0.85	655
8Low Iron+1.52P+8Low Iron	89	8	8	80	7	5.28		4.79		0.97	0.84	648
12Low Iron+1.52P+12Low Iron	88	8	8	77	6	5.07	\	4.61	\	0.95	0.82	634