



**HOU GLASS**  
**通彩玻璃**

## Decoration Glass

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**Foshan Houglass Technology Co., Ltd.**



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## Company Profile

Hou Glass is a brand of glass deep processing products launched by Foshan Houglass Technology Co., Ltd. Hou Glass is user-centered and committed to providing customers with satisfactory products and services with the principle of "Be honest, be careful".

Hou Glass products are committed to becoming an innovative brand of decorative building materials worldwide, following the quality of safety and innovation pursued by Houglass Technology.

Hou Glass product ranges include: crystal mosaic, glass mosaic, mirror mosaic, mirror tile, tempered glass products, laminated glass products, glass balustrade, door and window glass, curtain wall glass, etc.

"Hou Glass" owns the independent intellectual property rights, and 3 major technical invention patents

- (1) Design/Utility, patent number 20172034717.9;
- (2) Coating Invention, patent number 201710214574.2;
- (3) Production of technology of high-temperature-resisting-film-coated glass product, Patent number CN201710647485.7

All of our glass products have passed SGS and 3C quality system certification. Hou Glass personalizes our services for each individual client. Through custom design, the finest materials & innovative technologies to best suit your project, we ensure a first-rate product. Welcome to contact for sample testing !





## Certificate



SGS testing report & invention patent certificates from the government.

Acid Resistance testing by SGS  
Alkali Resistance testing by SGS

Invention Name: Production of technology of high-temperature-resisting-film-coated glass product

Patent number  
CN201710647485.7





## Ultra Clear Glass



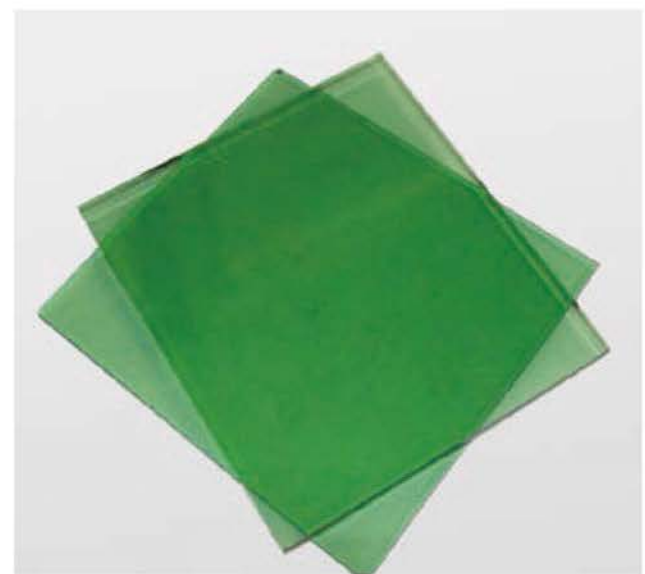
Ordinary glass

Ultra Clear Glass

Low iron glass, also called Ultra Clear Glass, is a colorless glass is specially made for exceptional clarity, and will not dull or distort the true colors in the color spectrum. Whether it's referred to as "extra clear," "water white" or "low iron," the glass is manufactured to be crystal clear and virtually tint-free. Low iron glass is made from a high grade of silica sand that is almost completely free of iron oxides. By reducing the iron content you reduce the greenish tint, while increasing light transmission, brightness and clarity. In fact, low iron glass can have as little as 10% of the iron content of regular glass, allowing it to transmit 91% of light, compared to 83% for regular glass. Although the raw materials are different, low iron glass is manufactured the same way as regular glass and can be pressed, cut, polished, tempered, laminated, painted and otherwise worked the same way as well. Low iron glass can be utilized for almost any application.



Transparent glass



Green glass



Colored glass



Colorful glass

Color



SS201-15  
Silver white



SS202-42  
Highly transparent gold



SS203-15  
Rose gold



SS204-15  
Purple Lilac



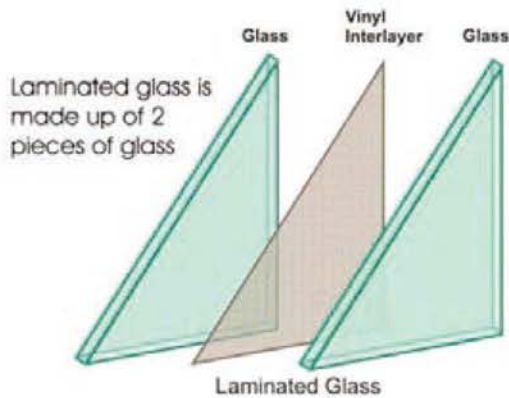
SS205-15



SS206-15



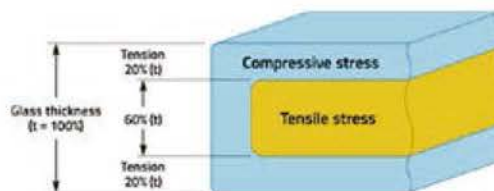
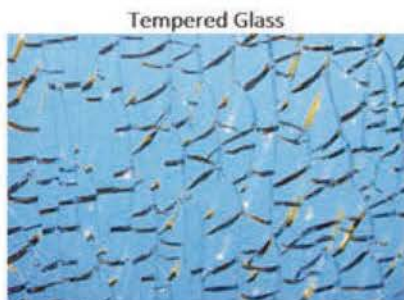
## Laminated Glass



Laminated glass is made of two pieces of regular or tempered glass sandwiched around a layer of clear plastic film (PVB). The set of glass is treated through a process intended to expel air pockets and then it is heated for an initial round of melting. After this, the glass is heated under pressure to create a finished bound product. Laminated glass can be made stronger by adding layers making the end product thicker.

The plastic layer of the film does give the glass a stretchable quality but don't imagine the glass stretching like a rubber band. The laminated glass has just enough give and stick in it to hold the glass in place if it were to break.

## Tempered Glass



Tempered glass, also known as toughened glass, is stronger than ordinary glass but can shatter. Similar to laminated glass, when the tempered glass suffers an impact it can break into a web-like interlocking pattern and remain within its frame. This is not always the case as the broken pieces only hold onto adjoining pieces and can fall out of their frame.

What makes tempered glass a safety glass is that it is significantly more durable than ordinary glass and it is designed to break into less harmful pebble-like pieces instead of sharp and jagged shards.

Unlike laminated glass, tempered glass cannot be repaired. Laminated glass can be repaired in cases of minor damage but damage to any part of a tempered glass will eventually result in the glass shattering. The glass shatters because the balanced stresses in the glass are disturbed by the high-stress impact.



Glass has evolved to be one of the most important materials in architecture, widely used in all area of our life.

**Specialized Applications:**

- |                      |                     |
|----------------------|---------------------|
| Glass curtain wall   | Glass Floor,        |
| Glass Window & Door, | Infinity Pool,      |
| Glass Canopy,        | Skylight,           |
| Shower Enclosure,    | Glass Furniture etc |







## Craft Glass Balustrade





## Colorful Glass





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