

Popular 17.52mm laminated curved glass panel for balcony railing



Why curved glass panel

Laminated curved glass has long been of great interest to the market. The process of producing high-quality laminated curved glass has evolved over the years. Continued research and development, the best use of the latest technology, and the experience of industry experts have opened up new opportunities in curved glass.

The visual appeal is not the only aspect driving people all over the world towards curved glass panel, in practice, curved glass solutions for balcony railing are excellent in construction applications. And when designed well, they can reduce the use of other building materials.



17.52mm curved balcony railing glass production process technology

17.52mm curved laminated glass is produced by permanently bonding two pieces of 8mm glass together with a 1.52mm PVB interlayer. According to the position of use, different colors of PVB and different types of glass may be applied in the process, to obtain different characteristics for the decoration.

Lamination bending is a process that somewhat combines bending and lamination.

Bending

The glass under the tempering process heating the glass to over 620 degrees and then cool down rapidly by a strong wind jet, during the cooling curving the glass at the same time.



Lamination

Using the autoclave process, join two pieces of curved glass together with a PVB interlayer. The required processing temperature inside the autoclave is around 120–140 °C; the pressure is about 12 bars.

The lamination of curved glass sheets is the most common process to manufacture curved multi-layer safety glass. Since the glass is laminated, it fulfills safety glass requirements and can make very flexible shapes.

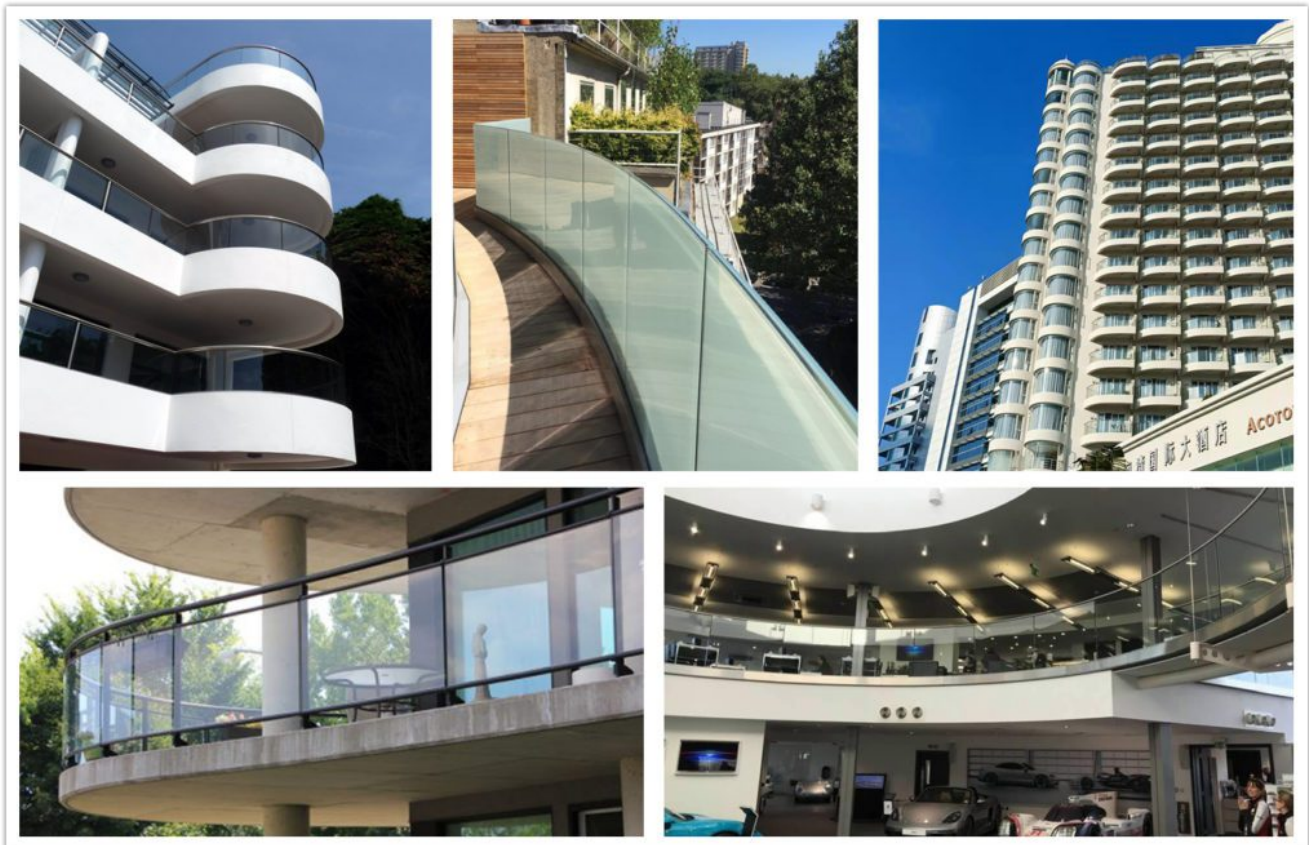


Curved Glass for balcony railing features

Curved laminated balcony railing glass is the contemporary solution, if the bent glass breaks, the fragments of the glass remain bonded to the interlayer, just as it is the case for flat laminated glass too. This safety feature, which is often even mandatory in public buildings and office buildings, is also ideal for residential buildings, where it protects the occupant against accidental injury or violence.

17.52mm curved laminated glass for balcony railing is the perfect fit, as it can be added many different decorating for a large variety of applications providing the following outstanding features:

- Protection against noise
- Protection against UV light
- Protection against injury
- Protection against vandalism and burglary
- Protection against firearms
- Protection against explosions



Custom curved glass for balcony railing

At [Shenzhen Dragon Glass](#), we understand that each and every one of our clients is different, which means all of them to have unique needs in balcony railing glass. That's why we offer a wide range of bent and curved glass types in order to serve a wide range of customers and industries in general.

We offer our standard laminated curved glass panel, which is available in several colors, shapes, and sizes, but that's not all. We also offer custom bent laminated glass that comes with

several additional benefits and features. From sound control to UV protection, this is one type of glass you'll want to take advantage of.

Glass Options

Many types of decorative patterned glasses are available, both color and design, and can be accomplished. Not all patterns are suitable for bending or laminating. It is important to review the desired patterns with us to confirm fabrication details. Glass with textured patterns may affect visibility and the passage of light.





Interlayer Options

Interlayers can provide translucency as well as color. Opacity can be achieved by the use of an opaque white or black interlayer.

You can also try placing different materials in the interlayer, such as metal mesh and fabric. Metal mesh laminated glass is safe and strong, adds elegance and an artistic atmosphere. Therefore, it has become a stylish and practical decoration material in modern architecture.





Quality

- Subject to BS
- Subject to AS
- Subject to ASTM
- Subject to CE

Packing and delivery:



Sturdy plywood crates to ensure safety during long-distance transportation.

We are professional glass suppliers who supply high-performance [laminated curved glass](#) for balcony railing. All of which can be curved to your individual needs.

[Talk to us](#) and see if we can assist you to find that perfect winning option of the curved balcony railing glass.