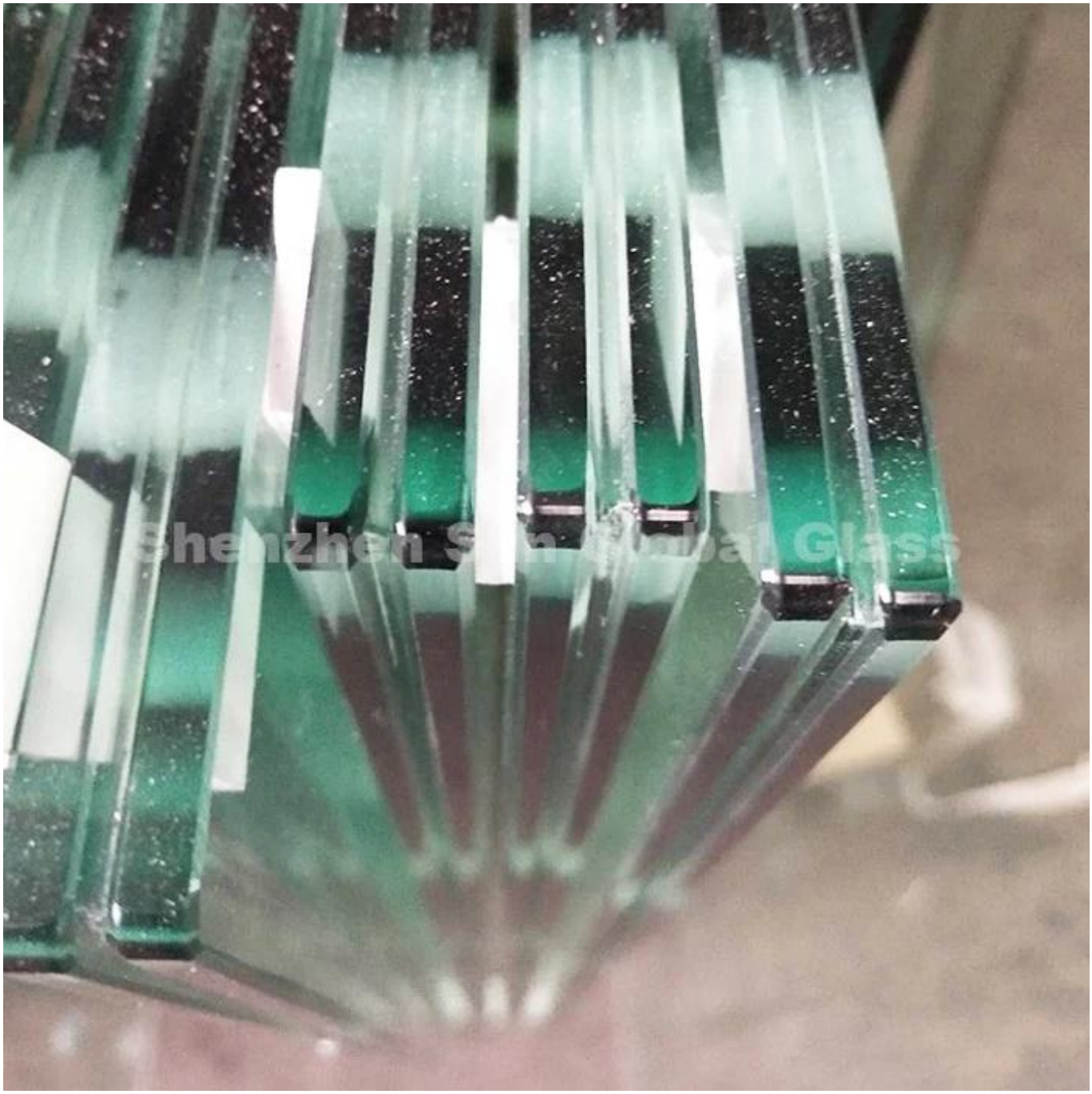
Glass and Stainless Steel Post Railing System

Glass Type

Tempered glass is a piece of annealed (ordinary) glass that gets its safety properties from a heating and cooling procedure called “tempering”. The process involves heating the glass and cooling it immediately. Quickly cooling the incredibly hot glass causes the outside of the glass to harden quicker than the center. This process leaves the center in tension making the glass significantly stronger and more durable than ordinary glass, and it is designed to break into less harmful pebble-like pieces instead of sharp and jagged shards.

Laminated glass, sometimes called sandwich glass, is made by placing a layer of polyvinyl butyral (PVB) between two or more glass layers. The PVB can be clear or tinted and commonly varies in thickness from .015" to .090", but it can be as thick as .120" for special applications. The entire unit is then fused under heat and pressure in a special oven called an autoclave. The laminating process can be performed on clear, tinted, reflective, heat-strengthened or tempered glass. Laminated glass is used in safety glazing applications. However, it has many other applications, such as burglar resistance, sound reduction, sloped glazing and space enclosures.



Stainless Steel Railing Post

Which type of post you like? Or need other custom design? Welcome to send you detail inquiry to us.

Benefits

Safety

Glass is tempered or laninated glass, post is stainless steel, they are all stronger materials to provide maximum security. They protect against high winds and accidental falls, and stand up to extreme weather.

Easy to Install

Glass and stainless steel railing system is to install. SZG will finish glass holes drilling processing for you, you only need to fix the post on the floor, and screw through the glass holes and stainless steel column to fix the glass and column together.

Versatile

The flexibility of style, versatility, and ease of implementation are reasons for the widespread adoption of glass railing systems. Glass can be clear, tinted and with printed pattern, stainless steel can be sliver, gold, and combination of stainless steel and solid wood. These glass railing designs are also very adaptable and can be used in homes, offices, hotels, and multifamily properties.

Unobstructed Views

If you have a beautiful outdoor deck or balcony with an excellent view of a stunning cityscape, a gorgeous lake or pristine mountains, the last thing you want to do is obstruct the view with architectural railing systems. That’s why glass railings are great.

Application

Deck railing

Stairs handrail

Balcony balustrade

Pool fence

Welcome to send us inquiry with your detail requirement and question.