

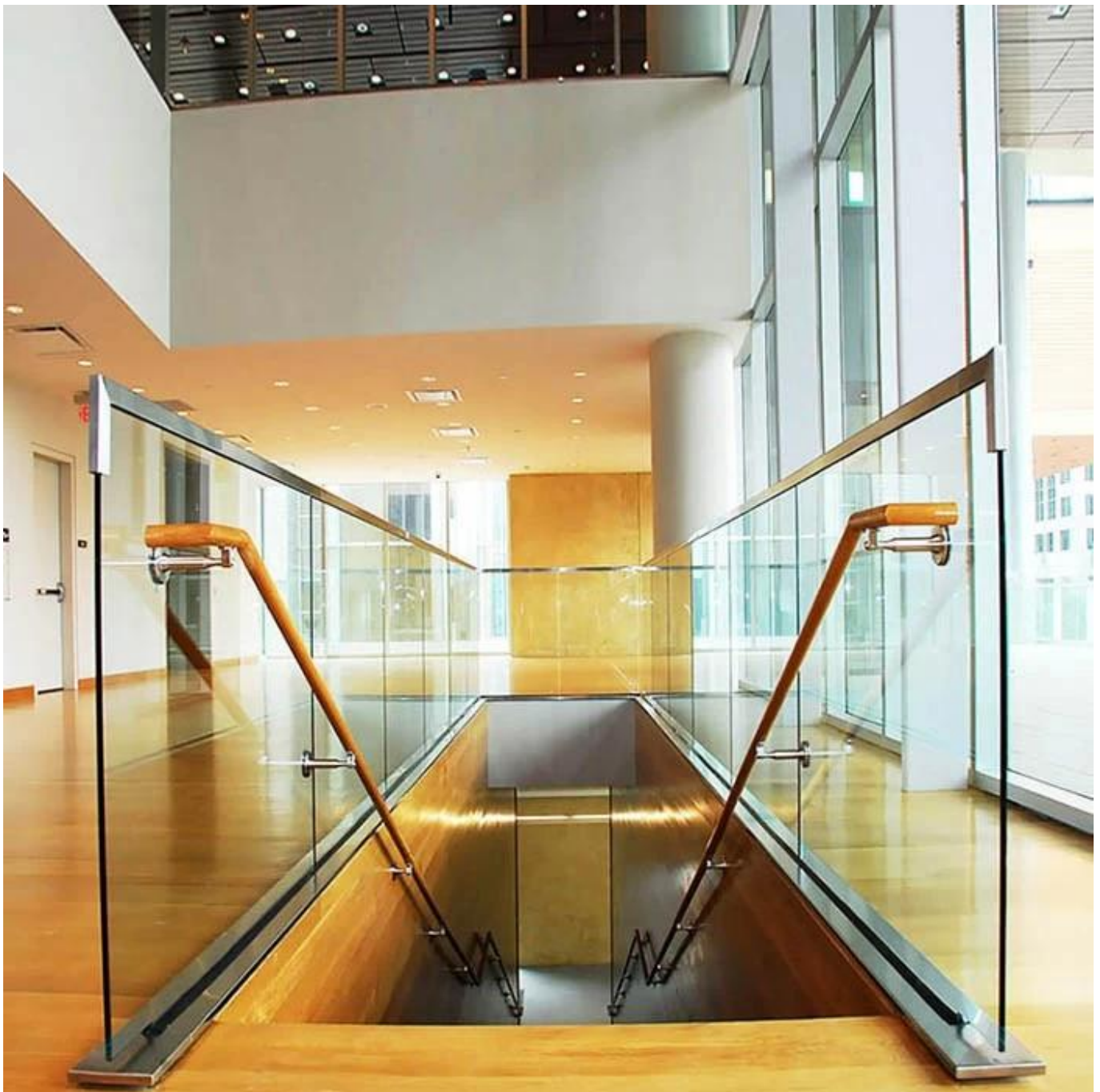
Why Install a Glass Railing System for Staircase

Glass stair railings are an essential decorative feature that also guarantee the safety of its users. It's a very aesthetic element that creates open and luminous interiors.

Glass railings are suitable for any decoration styles, such as traditional, contemporary, scandinavian or industrial styles.

A glass stair railing on low-profile brings a contemporary and purified style to an interior.

Associating glass with materials will highlight one of these materials. You can also associate wood handrail top and a glass balustrade to create the perfect mix between modernity and tradition.





Glass for Stair Railing

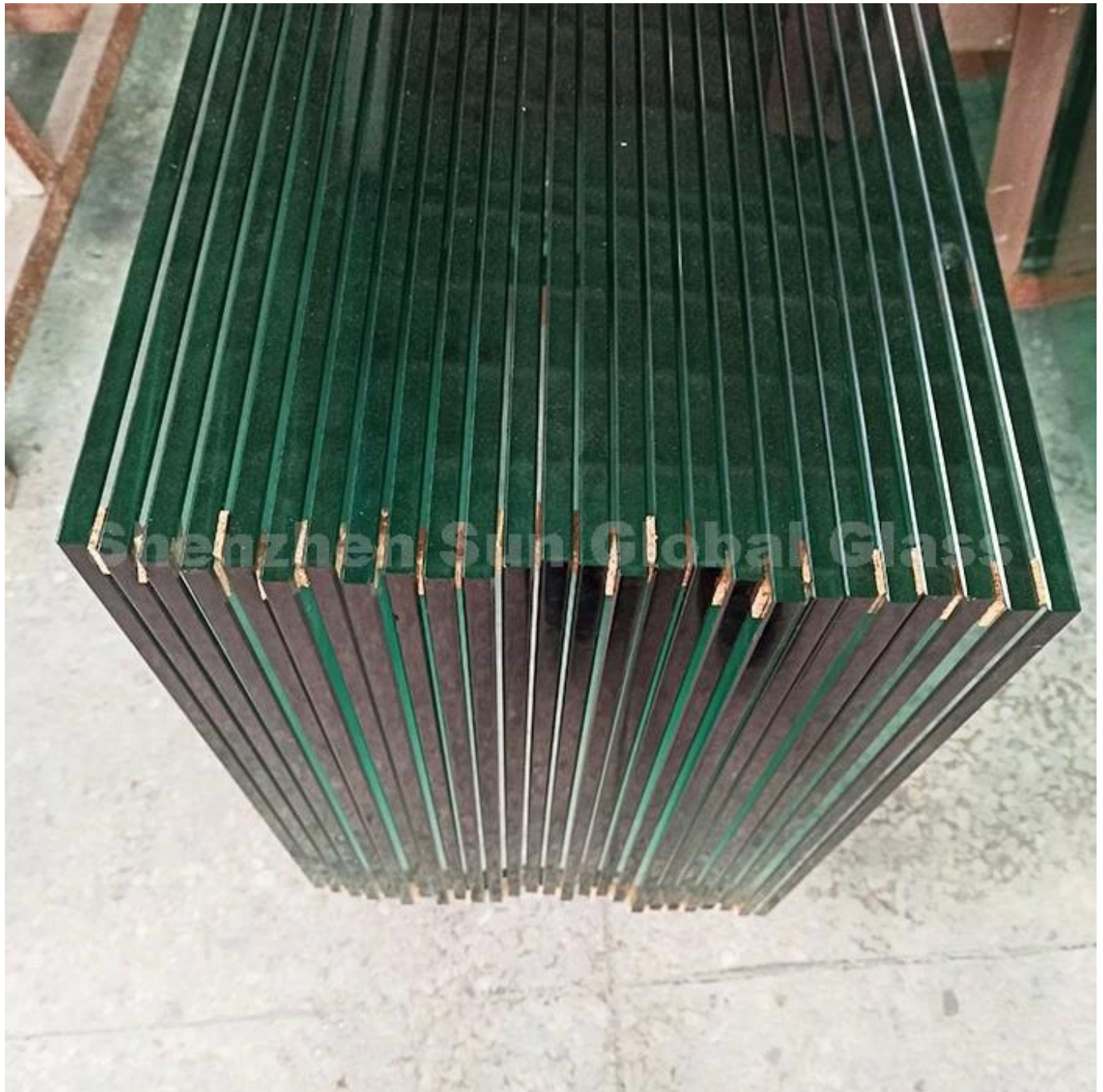
Tempered Glass

Tempered or toughened 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”.

Tempered or toughened glass is also as much as 5 times stronger than untreated glass as well as being resistant to impacts. The safety glass credentials come in when tempered/toughened glass is broken into smaller, rounder edged pieces. Whereas normal annealed glass shatters into sharper edged pieces that

are much more likely cut the skin on contact.

The safety and strength of tempered glass make it desirable for a variety of architectural and decorative applications in the home and commercial environments.



Laminated Glass

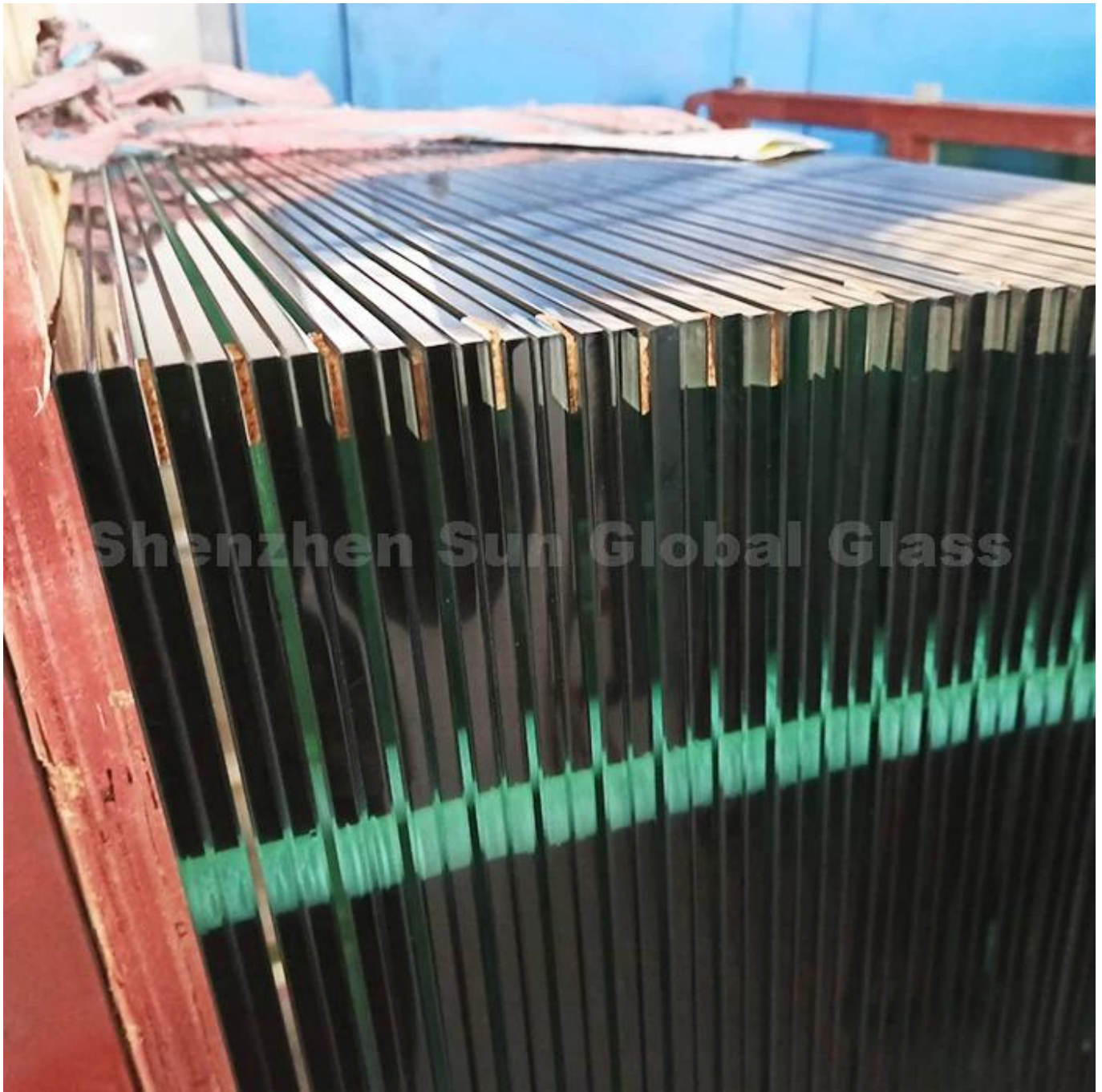
Laminated glass is a type of safety glass that is made of two or more panes of annealed glass joined together by a layer of plastic, or polyvinyl butyral (PVB). You can think of this joining as creating a glass sandwich (glass, plastic, glass). Some types of laminated glass are made with multiple layers (think of these as a laminated glass layer cake).

Laminated glass features:

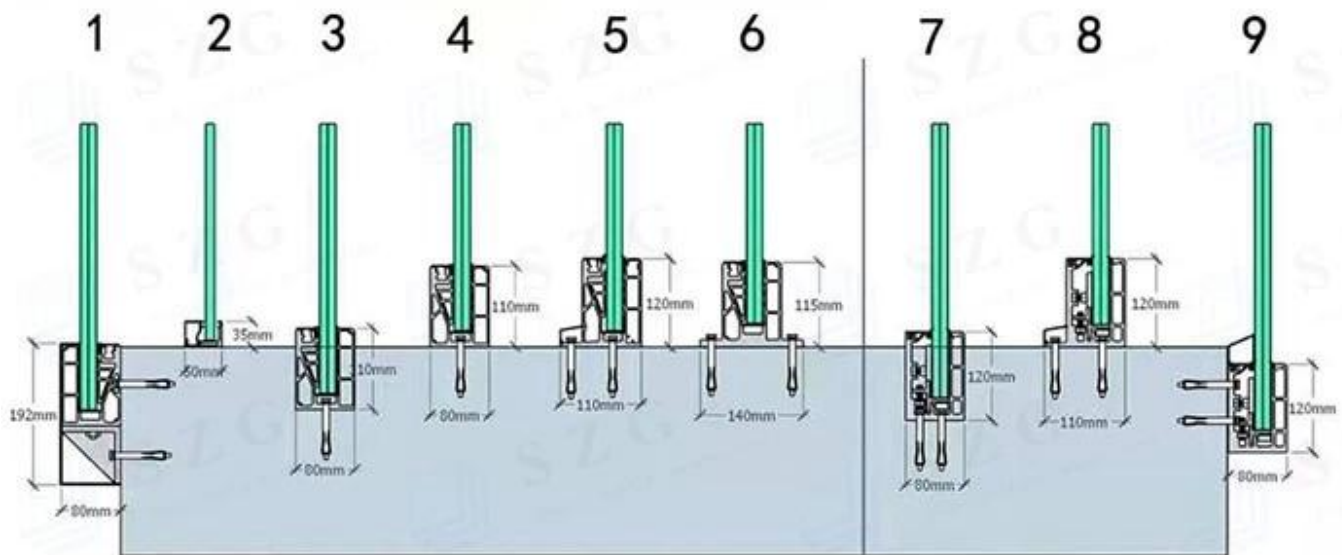
The plastic portion of laminated glass may be clear or tinted.

Laminated glass aids in the screening of UV radiation.
Laminated glass is beneficial for soundproofing.

One of the biggest benefits of laminated glass is that if it does break, the broken glass will stick to the plastic rather than falling to the floor.



Aluminium U Channel for Stair Railing



Benefits of U Channel Glass Balustrade for Staircase

More natural light – glass staircases let more light in, brightening your staircase and leaving a clear view.

Illusion of more space – as with any glass feature, the see-through nature of the material tricks the eye into seeing more space.

Aesthetics – glass staircases boast a wow-factor unmatched by any other material.

Long lasting & durable – with SZG Glass's low-maintenance clear toughened or laminated glass, your stairway should last a lifetime.



What kind of glass railing do you like? Welcome to send us your detail inquiry.