

China 5mm clear flat tempered glass railings for decks



1. What are China 5mm clear flat tempered glass railings for decks?

5mm clear tempered glass, which is a Grade A safety glass. Tempered glass railings for deck systems are made out of several glass panels that have been hardened with heat.

The process involves heating and cooling a piece of ordinary, pre-cut glass in a tempering furnace. The glass is heated up to around 1200 °F before being cooled rapidly in a process known as quenching. This whole process will leave you with a glass panel that is at least four to five times stronger than normal glass. So tempered glass has a very high impact

resistance on its surface and, when broken, will shatter into many tiny pieces, which is less likely to cause a major injury. For our tempering process, you can [view it here.](#)

5mm tempered glass railings for decks use high-strength 5mm tempered glass. Clear glass railings for decks combine style and safety to give you a secure barrier around your deck without obscuring your view. This means you can really open up your outdoor entertaining area, creating one large and seamlessly blended space rather than cutting it in half with an unsightly barrier.

2. Feature:

Solid Barrier

Unlike other solid railings, glass railings provide the most solid barrier for your decks, staircases, or balconies. It's considered a safer option as it prevents anything from dangling in between. So if it's a question of safety for you, there's a lot to love about glass railings.

Unobstructed Views

Spaces with decks, balconies, and other raised platforms offer one special thing: the views. Glass railings for decks systems offer you unobstructed views you want to enjoy occasionally.



Versatility

Glass is known to be versatile and can adapt to any design and space size. It's good for small spaces, as it gives the illusion of big spaces. It also works best for big space designs as it showcases a lot of design principles and elements.

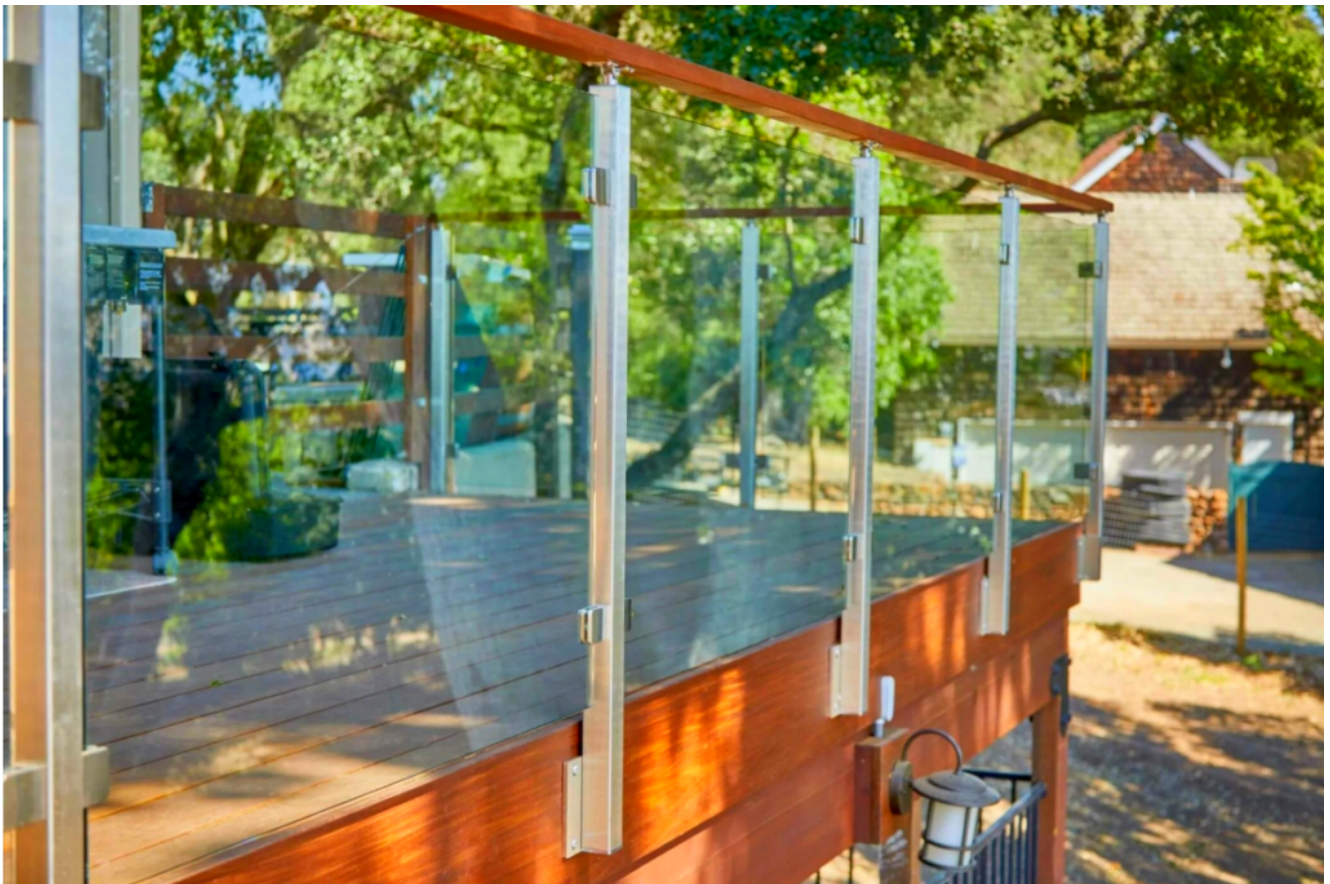
Durability

It may be a shock to some, but glass railings deck tend to be durable if properly handled and installed. Malls, hotels, and other public infrastructure are reaping these benefits in the long run.

3. Quality standard:

- Subject to BS standard;
- Subject to AS standard;
- Subject to ASTM standard;
- Subject to CE standard;
- Subject to the ISO 9001 standard.

4. Applications:



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5. Specifications:

Production name: 5mm clear flat tempered glass railings for decks;
Glass color: clear; other colors like low iron, tinted glass like green, grey, blue, bronze, etc;
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Glass shape: flat/curved;
Glass size: customizable, max: 2440mm * 3660mm;
Quality: AS/CE/ASTM/CCC/ISO9001, etc;
Production time: 20 days, including complete systems;
Packing: Strong plywood crates;
Glass color: clear; other colors like low iron, tinted glass like green, grey, blue, bronze, etc;

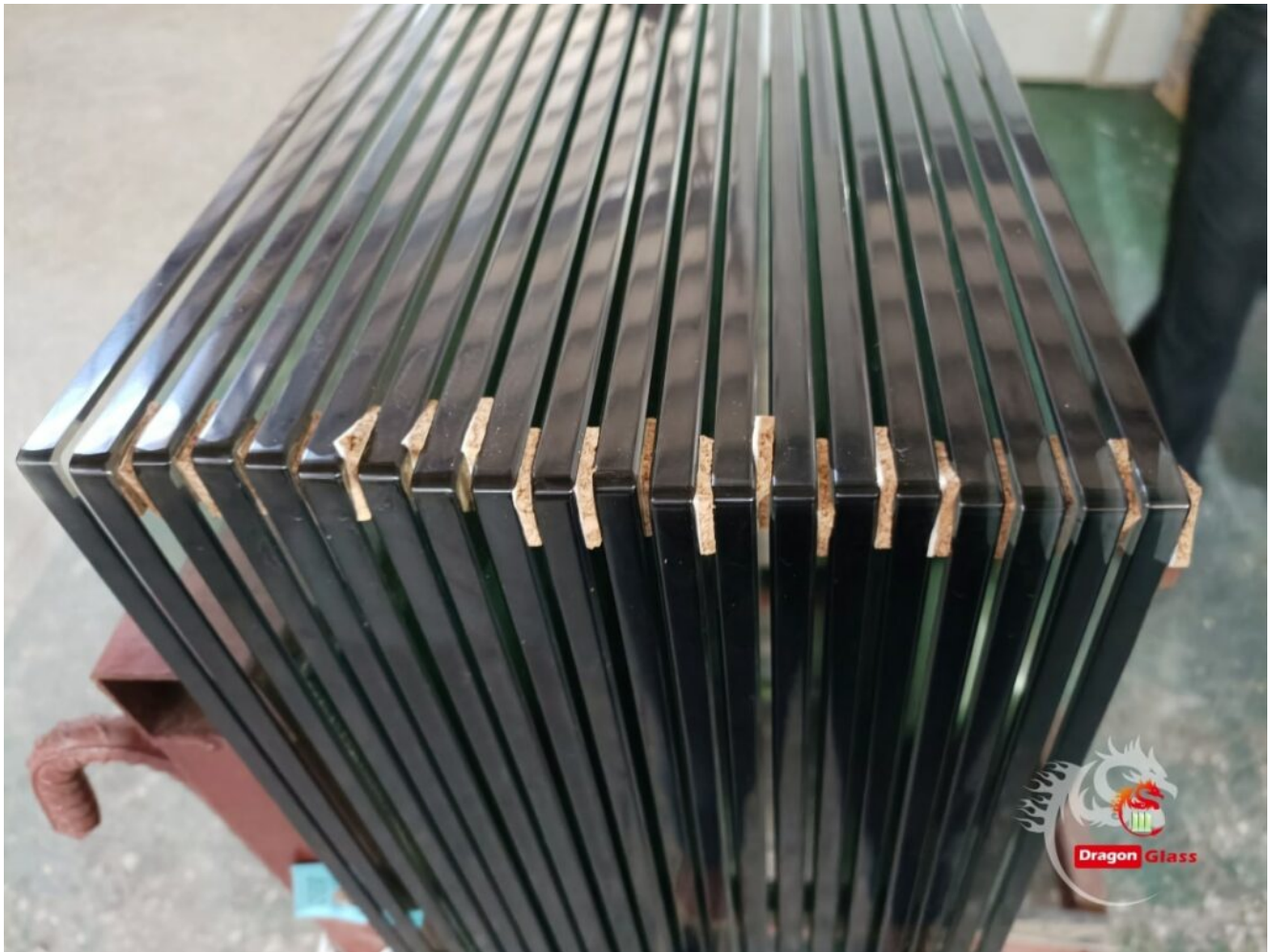
6. Production details:

1. **Raw materials:** Adopting high-quality grade 12mm glass material, make sure there are no bubbles, no chips, no scratches, and a super flat surface;
2. **Cutting:** use advanced cutting machines to ensure there are no chips and size accuracy;
3. **Grinding:** polished the edges with no chips, no micro-cracks, and no flaws;
4. **Drilling:** accurately drill the holes according to the CAD drawing;
5. **Tempering:** use world advanced super flat & spotless tempering machine to ensure excellent tempering stress uniformity and flatness, the lowest tempering spontaneous breakage rate;

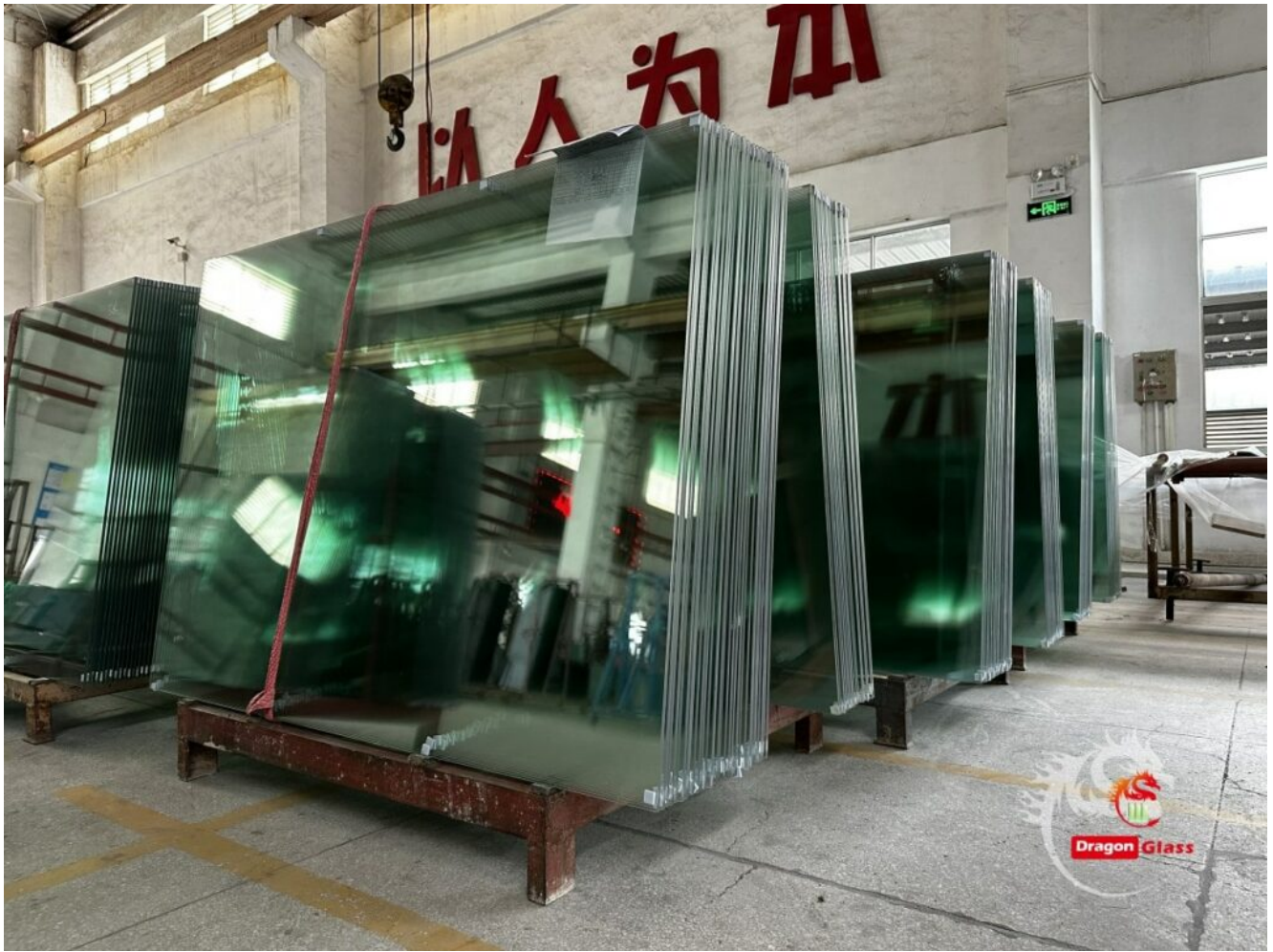
6. We have a strict **QC inspection** team to inspect each process to ensure no flaws occur during each process.



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7. Packing and Delivery:



Dragon Glass



Do You need experienced China 5mm clear flat tempered glass railings for deck suppliers? Feel free to ask for more details! If you want to choose laminated glass railings for decks, you can also [take a look here](#). If you have any inquiries related to such projects, welcome to contact us at any time!