

**Excellent 6mm+1.52pvb+6mm  
clear laminated tempered  
glass balcony railing  
supplier, competitive 13.52mm  
tempered laminated glass  
balcony railing cost.**



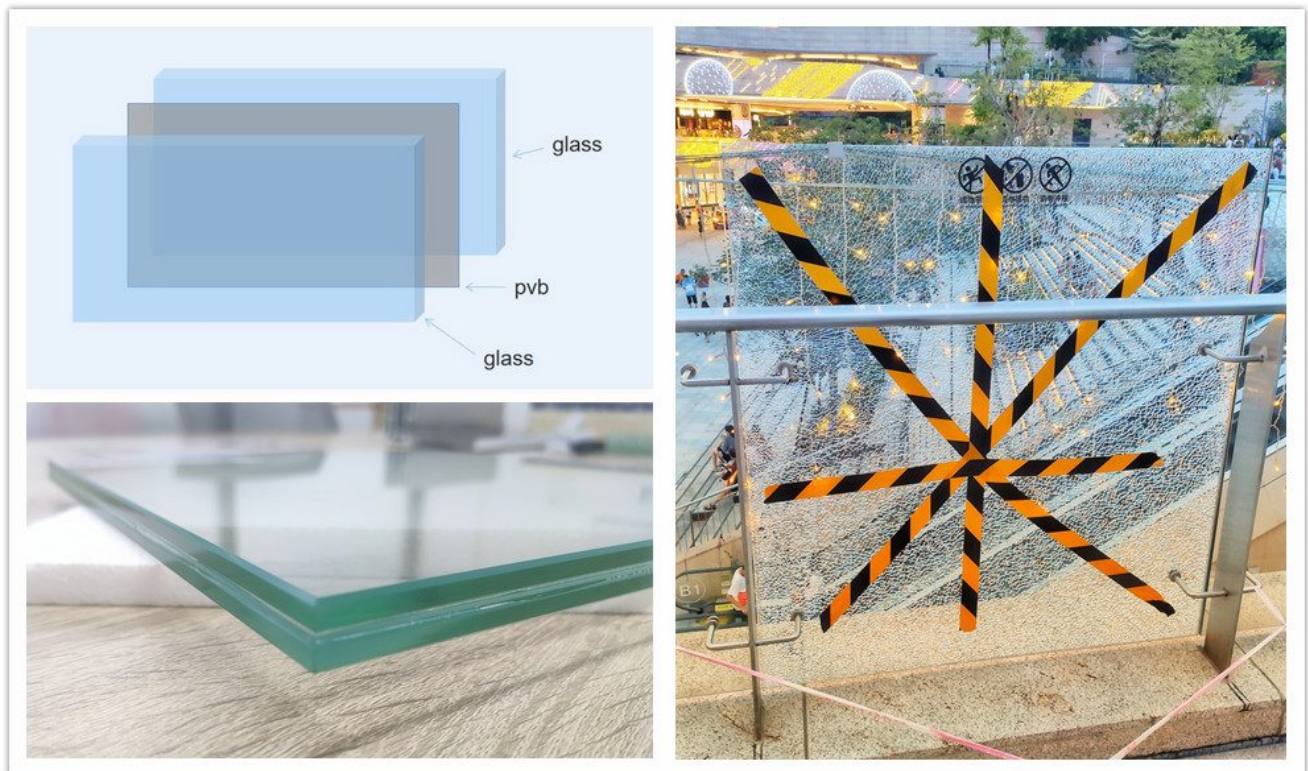
## **1, What is 13.52mm laminated tempered glass balcony railing?**

13.52mm clear laminated tempered glass balcony railing consists of two 6mm clear tempered glass panels together with 1.52mm PVB interlayer. Usually will be described as 6mm clear tempered+1.52PVB+6mm clear tempered laminated glass balcony railing.

This type of laminated tempered glass balcony railing design can offer super high strength and can endure a strong impact

without breaking. Even one piece of tempered glass breaks, the other tempered glass panel can hold the balcony railing in one whole, bidding you time for a replacement.

Of course, if you need further insurance of security, [SGP laminated glass](#) will be recommended.



Tempered laminated glass, when one piece breaks, the other panel and the PVB will glue the glass together bidding time for a replacement.

## 2, How to ensure the 13.52mm laminated tempered glass balcony railing quality?

Many clients always ask, why the laminated tempered glass balcony railing cost from your company is different from others? Actually, there are so many factors that will influence the glass balcony railing cost, here we listed some

of them:

**1, Glass raw material needs to be good.** There are several grades of float glass from different brands. It could be roughly divided into Top A grade, grade B, grade C & grade D. The difference between different grade glass can be viewed in detail as below: 1)Grade A: no bubbles, no chips, no scratches with super smooth surface; 2) Grade B: a little bubbles or stones, but within the acceptable level which is invisible if not carefully inspected; 3) Grade C: visible flaws but acceptable for those with no high requirement for glass quality.

We adopt grade A.







**2, Use high quality PVB.** there are so many brands of PVB in China. Some are good quality with high transmittance. Some are low which will result in delamination after one year or less. We adopt Kingboard PVB or the same level PVB brands which can ensure no delamination for a long lifespan.

**3, Super precise glass cutting** making sure there is overstep for the laminated glass.



**4, Super high pressure and high temperature** to make sure there are no bubbles, no contaminants, or any specks of dirt inside of the laminated glass.



*dust-free lamination production and high temperature autoclave*  
**5, Complete and strict quality system** making sure our laminated glass quality all subject to CE and ASTM highest standard.



**焱龙玻璃**  
**DRAGON GLASS**

## QAQC Procedure of Shenzhen Dragon Glass 深圳焱龙玻璃 QAQC 程序

### 2. General Principles for Glass Quality Control:

玻璃控制标准总则:

Glass Quality Control Standard:

玻璃控制标准:

A. Plate glass shall meet ASTM C1036 standard;

平板浮法玻璃应符合ASTM C1036;

B. Heat treatment plate glass shall meet ASTM C1048 standard;

热处理平板玻璃符合ASTM C1048;

C. Tempered, heat strengthened glass shall meet ASTM C1048 standard;

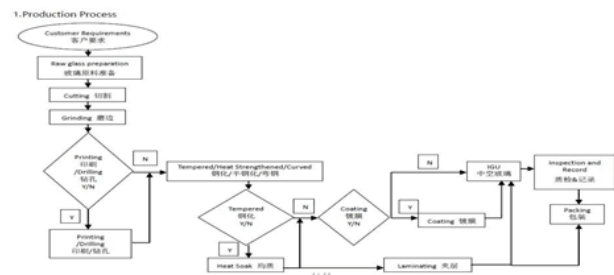
钢化、半钢化玻璃符合ASTM C1048;

D. Laminating glass shall meet ASTM C1172 standard;

夹胶玻璃应符合ASTM C1172;

E. Insulating glass of unit shall meet ASTM E2190 standard;

中空玻璃符合ASTM E2190;



NO 序号	Process 工序名称	Quality Control Term 质量控制术语	Inspection Facility and Tool 检测设备/工具	Inspection Frequency 测试频率	Executive Standard 执行标准	Criteria (Qualified/Failed) 标准、规范 (合格/不合格)
1	Raw Glass 原片	Appearance 外观质量	Visual check 目测	Every package (16pcs, 150 m²) 每包 (16 片, 150 m²)	Refer to ASTM C 1036-06 and client's standard 参照 ASTM C 1036-06 和客户标准	No defects shall be found by visual check Color for raw glass should match sealed sample Thickness of raw glass conforms ASTM C 1036-06 standard 原片玻璃颜色与封样样品颜色相同 原片厚度符合 ASTM C 1036-06 要求
		Raw glass type 原片类型	Visual check/ steel ruler 目测/钢直尺	Every package (16pcs, 150 m²) 每包 (16 片, 150 m²)	Raw Glass Management Rule (原片管理规定)	Thickness, grade and color should match the label 厚度、等级和颜色是否与标签一致
		Label 标记号	Visual check 目测	Every package (16pcs, 150 m²) 每包 (16 片, 150 m²)	Flow cards information 生产流程卡信息	Clear, no missing 清晰、无缺失
2	Glass cutting 原片类型	Raw glass type 原片类型	Visual check 目测	Once per rack, one piece a time 每架抽检一次, 每次一片	Raw Glass Management Rule	Inspect refer to client's requirement 根据客户要求检查

4 / 22

3, Besides clear laminated tempered glass balcony railing design, several other types of glass balcony railing systems for reference:

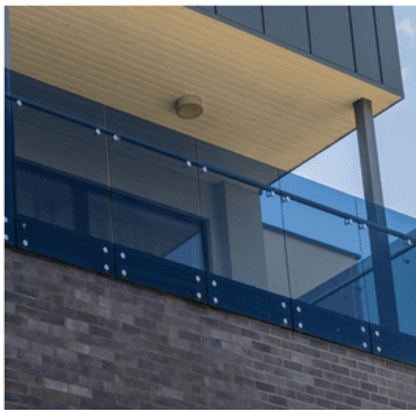




***\* Milky white laminated glass balcony railing:***



***\* Gradient color laminated glass balcony railing:***



***\* Tinted laminated tempered glass railing:***



**\* Colored pvb laminated tempered glass railing:**

## 4, Balcony railing product properties:

<b>Product name</b>	6mm +1.52pvb+6mm clear laminated tempered glass balcony railing system
<b>Glass thickness</b>	6+6mm, other thicknesses such as 4+4mm, 5+5mm, 8+8mm, 10+10mm, etc.
<b>Glass colors</b>	clear, other tinted glass such as bronze, blue, grey, green, grey, etc are also available.
<b>Glass shape</b>	Flat/curved
<b>Interlayer</b>	PVB, other types such as SGP, EVA, etc.
<b>Interlayer thickness</b>	PVB: 0.38, 0.76, 1.14, 1.52, 1.90, 2.28, 3.04, etc; SGP: 0.89, 1.52, 1.90, 2.28, etc; EVA: 0.25, 0.50, 1.00, 0.38, 0.76, 1.14, etc.



<b>Glass designs</b>	Frosted glass, digital printed glass, ceramic frit glass, milky white laminated glass, Gradient glass, patterned glass, fluted glass, fused glass, mesh laminated glass, colored laminated glass. etc.
<b>Accessories</b>	Stainless steel 304 or 316, Aluminum frame, etc.
<b>Quality</b>	subject to CE & ASTM.
<b>Packing</b>	strong plywood crates.
<b>MOQ</b>	50SQM.
<b>Capacity</b>	2000SQM/day

## 5, Packing details:



## 6, Certifications:



## 7, What we Shenzhen Dragon Glass are promoting?

As one of the top glass balcony railing companies in China, we are good at providing: Aluminium channel frameless glass balcony railing, it is also called: frameless railing u channel frame. Here is a video to show the frameless glass railing installation.

**Any interest in how much the glass balcony railing costs? [Welcome to contact us right now!](#)**