

# Top 10 laminated glass manufacturers in China



## 1, What is laminated glass?

[Laminated glass manufacturers](#) as we are, providing excellent laminated safety glasses prices competitive. Our laminated glass is to combine two pieces of float glass or tempered glass together with a PVB or EVA or SGP interlayer. Comparing

to single tempered glass, laminated glass offers safer functions and much higher strength.

Laminated glass is often used where safety glasses are considered first place like high floor windows or railings or canopy or skylights or where anti hurricane function is needed. This is because single tempered glass has a potential risk of accidental breakage, whereas **laminated glass** can reassure that the glass even breaks will not fall down to harm people, as the PVB or EVA or SGP interlayer will adhere the glass together preventing it to fall apart.

Tempered Glass



Laminated Glass



*Tempered glass vs laminated glass breakage*

## 2, How do laminated glass manufacturers make laminated glass?

There are generally **two kinds of laminated glass**:

- Annealed glass(float glass) laminated glass
- Tempered laminated glass.

Both are **safety glasses**. But tempered laminated glass offers much higher strength with stronger anti impulse functions.

To produce **annealed laminated glass**, simply combine the two pieces of annealed(float) glass together using an

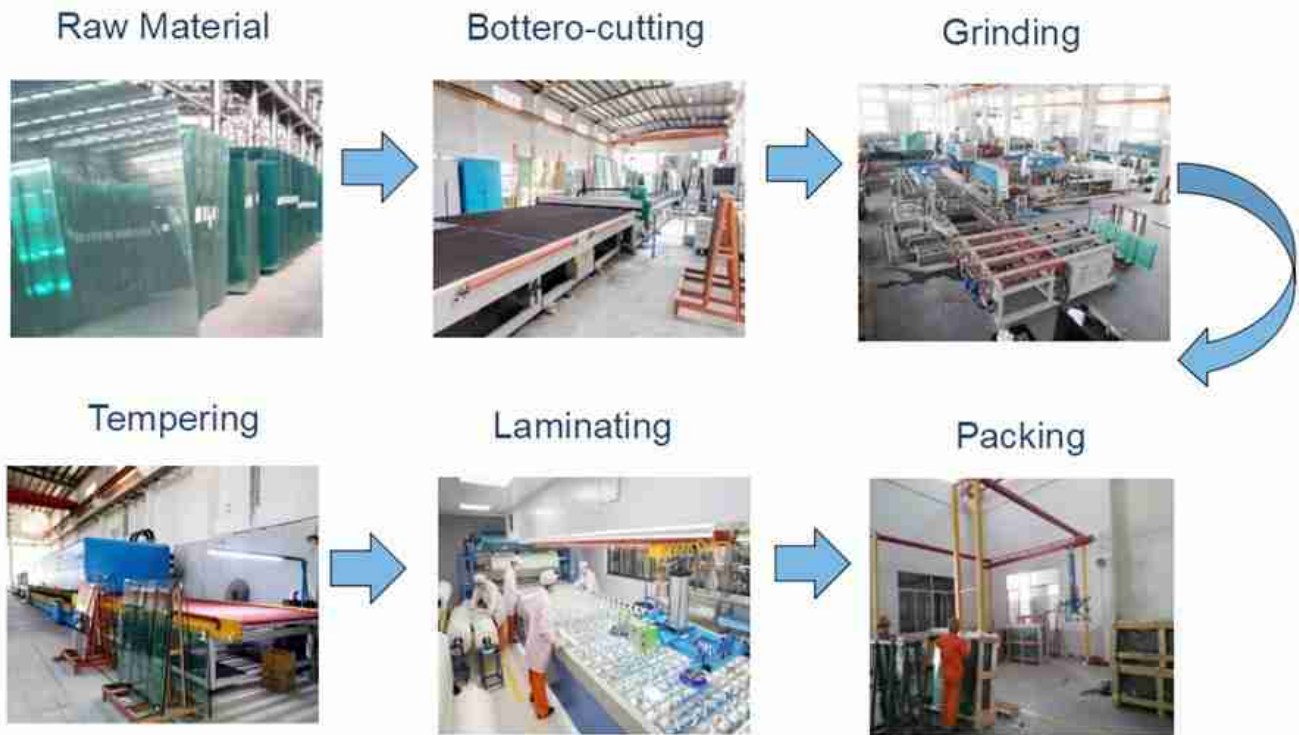
interlayer(usually by PVB) and put it into a high-pressure autoclave.



*Laminated glass manufacturing machines-high pressure autoclave*

To produce **tempered laminated glass**,

- First of all, you have to cut the glass to your desired sizes and then polish the edges and place them into a tempering machine;
- After [glass tempering](#), combine two pieces(some times multiple) together with pvb or Eva or sgp interlayer;
- Transfer into a pre-press line and then place into high-pressure autoclave heating up to 100~200 degree temperature and keep 4~8 hours.
- To make the lamination high performance and endure a long lifespan.



*Laminated glass manufacturers producing process*

### 3, How to distinguish which laminated glass manufacturers' quality is good or not?

As a kind of safety glass, it is very important to distinguish the quality of laminated glass. Because it will influence your solutions and endurance for windows & doors or railing or facade jobs.

To make sure the quality of tempered laminated glass, several items need to be sure:

1. Choose **good reputations laminated glass manufacturers** in China;
2. **High-quality raw material float glass** is recommended as well as high-quality interlayer (pvb/eva/sgp);
3. Cutting & grinding machines have to be **accurate processing**;
4. **Tempered machines should be good**. As it will mainly



influence the quality of tempered glass. And the flatness of tempered glass will therefore influence the lamination process too.

5. **Experienced operators or engineers** can guarantee the tempered laminated glass quality better.
6. **Do experiment regularly** to make sure tempered laminated glass quality stable.



*Laminated glass process impact testing & inspection*

## 4, Shenzhen Dragon Glass laminated glass features:

<b>Item</b>	Laminated glass/safety glass
<b>Color</b>	Clear, ultra-clear, light grey, dark grey, green, blue, pink, etc
<b>Glass thickness</b>	3+3mm, 4+4mm, 5+5mm, 6+6mm, 8+8mm, 10+10mm, 12+12mm, 15+15mm, 5+5+5mm, 6+6+6mm, 8+8+8mm, 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, 2.28, etc
<b>Shape</b>	Flat/curved

<p><b>Glass types</b></p>	<p>Clear annealed laminated glass, tinted annealed laminated glass, Clear tempered laminated glass, ultra-clear tempered laminated glass, tinted tempered laminated glass, coated tempered laminated glass, half tempered laminated glass, online Low-E tempered laminated glass, solar reflective coating tempered laminated glass, <a href="#">ceramic frit</a> tempered laminated glass, <a href="#">digital printing</a> tempered laminated glass, <a href="#">heat soak test</a> tempered laminated glass, curved tempered laminated glass, etc.</p>
<p><b>Applications</b></p>	<p>Facade, curtain wall, canopy, windows, doors, <a href="#">railings</a>, skylight, <a href="#">shower doors</a>, balustrade, <a href="#">floating glass staircases</a>, <a href="#">glass floors</a>, partition walls, office doors, etc</p>
<p><b>Max size</b></p>	<p>3200*12000mm</p>
<p><b>Capacity</b></p>	<p>5000SQM/day</p>
<p><b>Quality standard</b></p>	<p>Subject to CE &amp; ASTM &amp; CCC &amp; ISO9001</p>

## 5, Laminated Glass products details

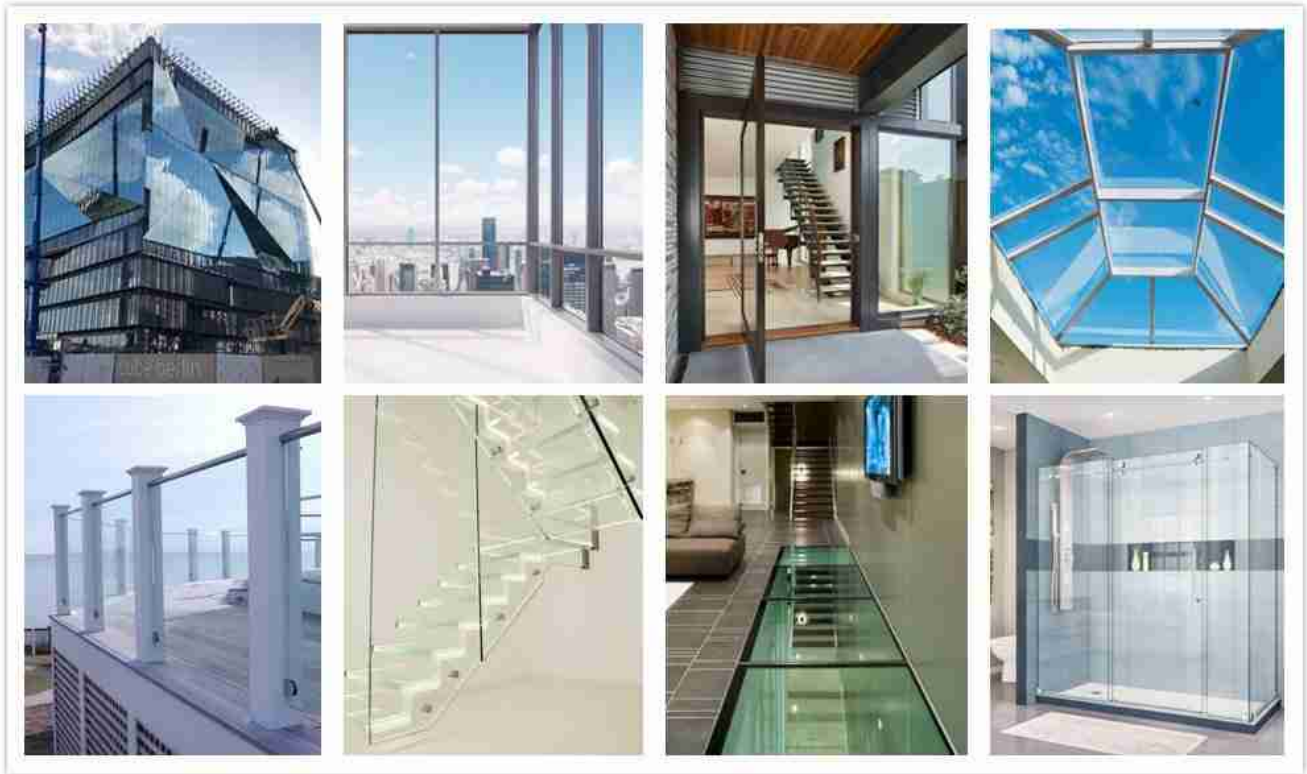


*All types of laminated glass products by Shenzhen Dragon Glass.*

## 6, What are the applications of tempered laminated glass?

**Tempered laminated glass** is widely used in the construction area due to its high strength and safety, most of all, it will cause a sense of space for human beings, thus making it the most favorable material designed by architects or designers.

Tempered laminated glass can be used as windows & doors, railing, canopy, skylight, sunroom, facade, curtain wall, staircases, storefront, shower room, glass floor, glass stairs, etc.



*Applications of tempered laminated glass*

**7, Why choose [Shenzhen Dragon Glass](#) tempered laminated glass?**

**8, Certifications**





Certifications.

# 9, Packing details



Strong plywood crate packing to ensure glass safety delivery.  
[Welcome to contact us immediately](#) to get the best solutions!