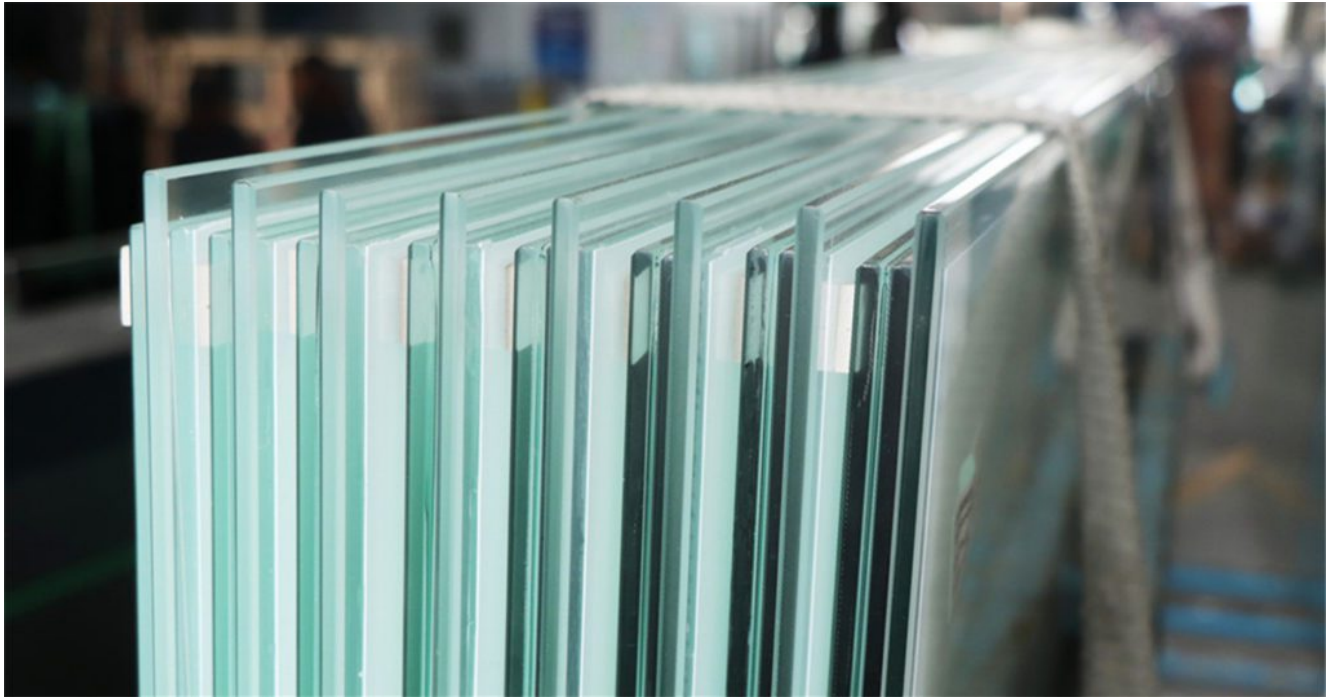


Chinese top 5 sgp toughened triple laminated glass supplier



Today, more and more architectural buildings are using sgp toughened triple laminated glass to ensure the facade safety and hurricane resistant functions or sometimes, bulletproof ability as well if needed. In this article, we are going to show you what sgp triple laminated glass is and how we produce it.



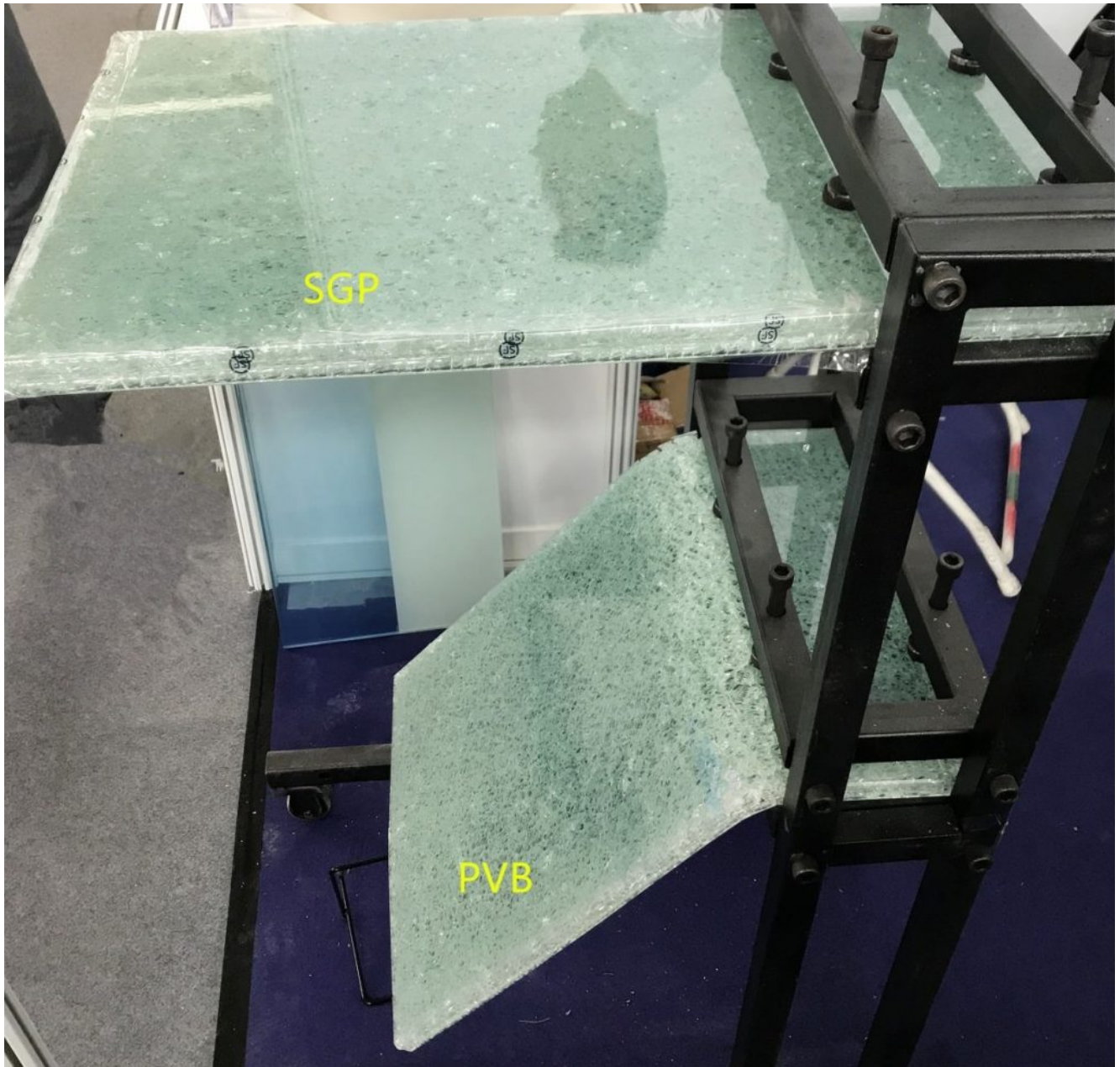
triple sgp laminated glass for seaside hotels

1, What is sgp glass?

Sgp film is made by ionoplast polymer technology, completely different from PVB. It is clearer and stronger than PVB and has a super good ability of water resistance.

Sgp glass means it is combining two glass panels(usually heat treated) with sgp film under super high temperature and pressure to form a permanent “hamburger” structure.

Sgp glass is designed for hurricane resistant glass applications or where super high strength and safety requirements are needed.



sgp vs pvb breakage

2, What is sgp toughened triple laminated glass?

Sgp toughened triple laminated glass means combining 3 toughened glass with 2 interlayers of sgp film. The toughened glass can be clear glass, low iron glass, or other tinted colors. The glass thickness can vary from 5mm to 22mm. The thicker of the glass and the larger of the glass sizes might result in the requirement for thicker sgp film.



PVB double laminated glass color(left) VS SGP triple laminated glass color(right)

In this article, we will show you 6+1.52SGP+6+1.52SGP+6 sgp glazing triple glazed laminated glass. Of course, it means 3 panels of 6mm glass laminated by two layers of 1.52SGP films. This type of triple glazed toughened glass is designed to anti hurricane and resist violent burglary and robbery for the villa project.

3, Features:

The sgp triple glazed laminated glass benefits:

1. **[REDACTED]**: over 5 times stronger and 100 times stiffer than PVB materials;
2. **[REDACTED]**: lowest yellow index making the sgp glass lamination crystal appearance;
3. **[REDACTED]**: to achieve the same strength and the same resistance, fewer glass layers and thickness is required for sgp glazed glass;
4. **[REDACTED]**: with STC>38dB+, you can have a super quiet environment for reading or resting.
5. **[REDACTED]**: [sgp glazed](#) triple laminated glass not only can be used as curtain wall, or fencing wall, it can also be used as bridges, floors, staircases, etc.

4, Quality:

- Subject to CE;
- Subject to ASTM;
- Subject to BS;
- Subject to ISO9001;
- Subject to AS;

etc.

5, Applications:

Sgp triple glazed [laminated glass](#) can be used as facades,

windows, walls, floors, staircases, etc.



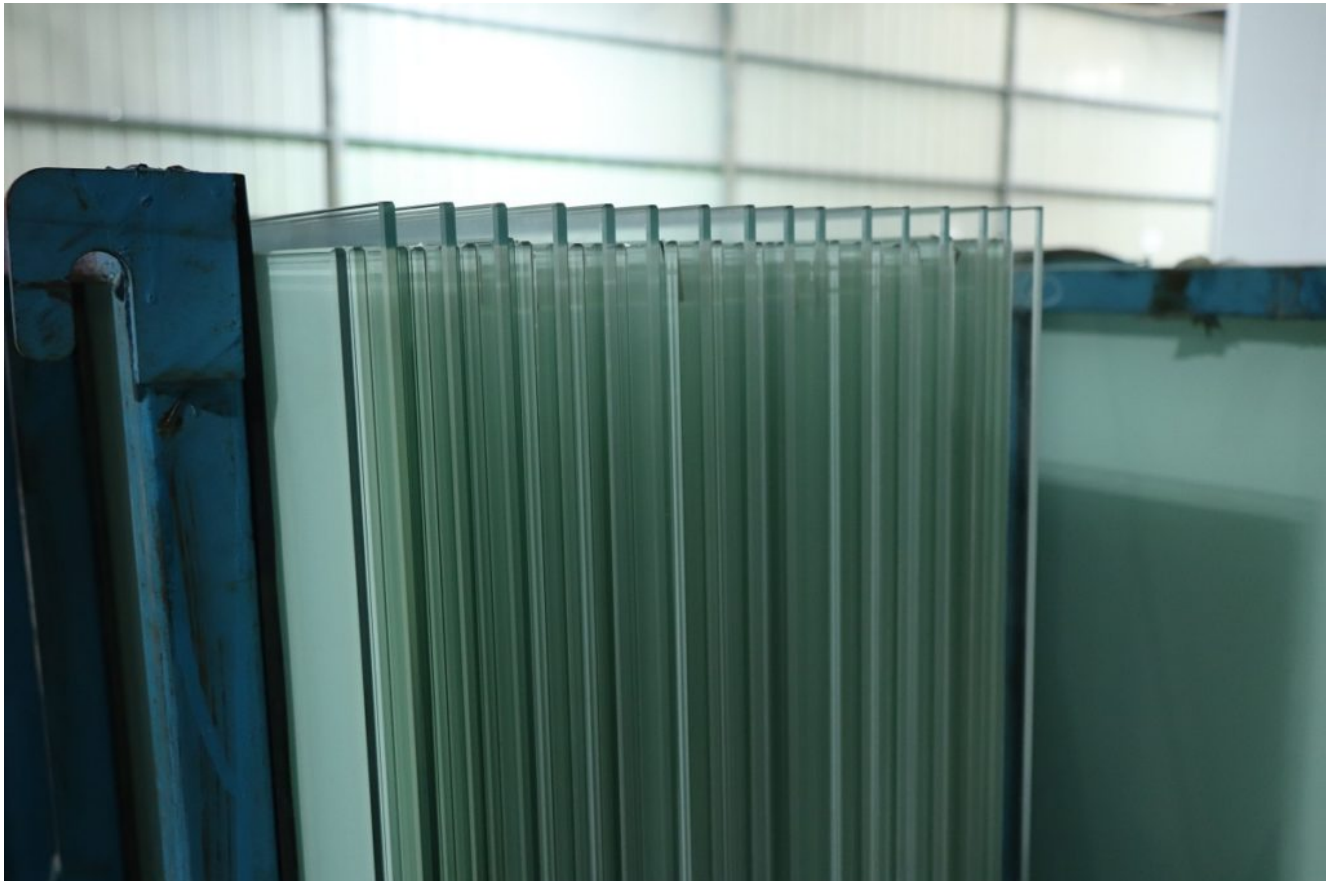
sgp triple glass applications

6, Specifications:

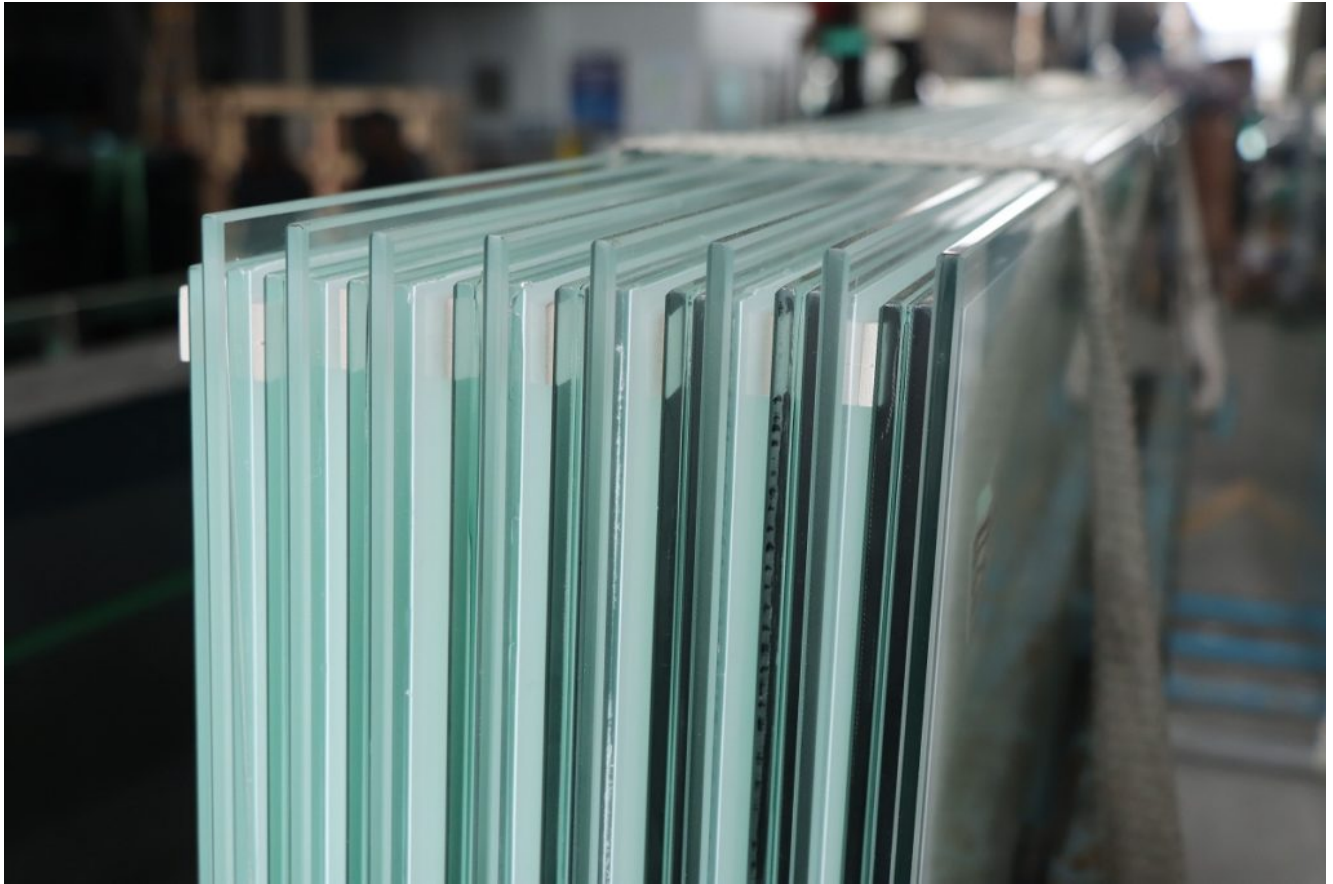
Production name	Sgp triple laminated glass
Glass color	clear, low iron, green, blue, grey, bronze, etc;
Glass thickness	6+6+6, 8+8+8, 10+10+10, 12+12+12, etc;
SGP thickness	0.76, 0.89, 1.52, 2.28, etc;
SGP brand	SentryGlas by Dupont/Chinese brand, etc;
Further process for glass	Digital printing, ceramic frit printing, frosting, coating, heat soaked test, etc;

Shape	Flat/curved;
Quality	CE/ASTM/AS/ISO9001/BS, etc;
Packing	Strong plywood crate packing;
Delivery time	7~15 days.

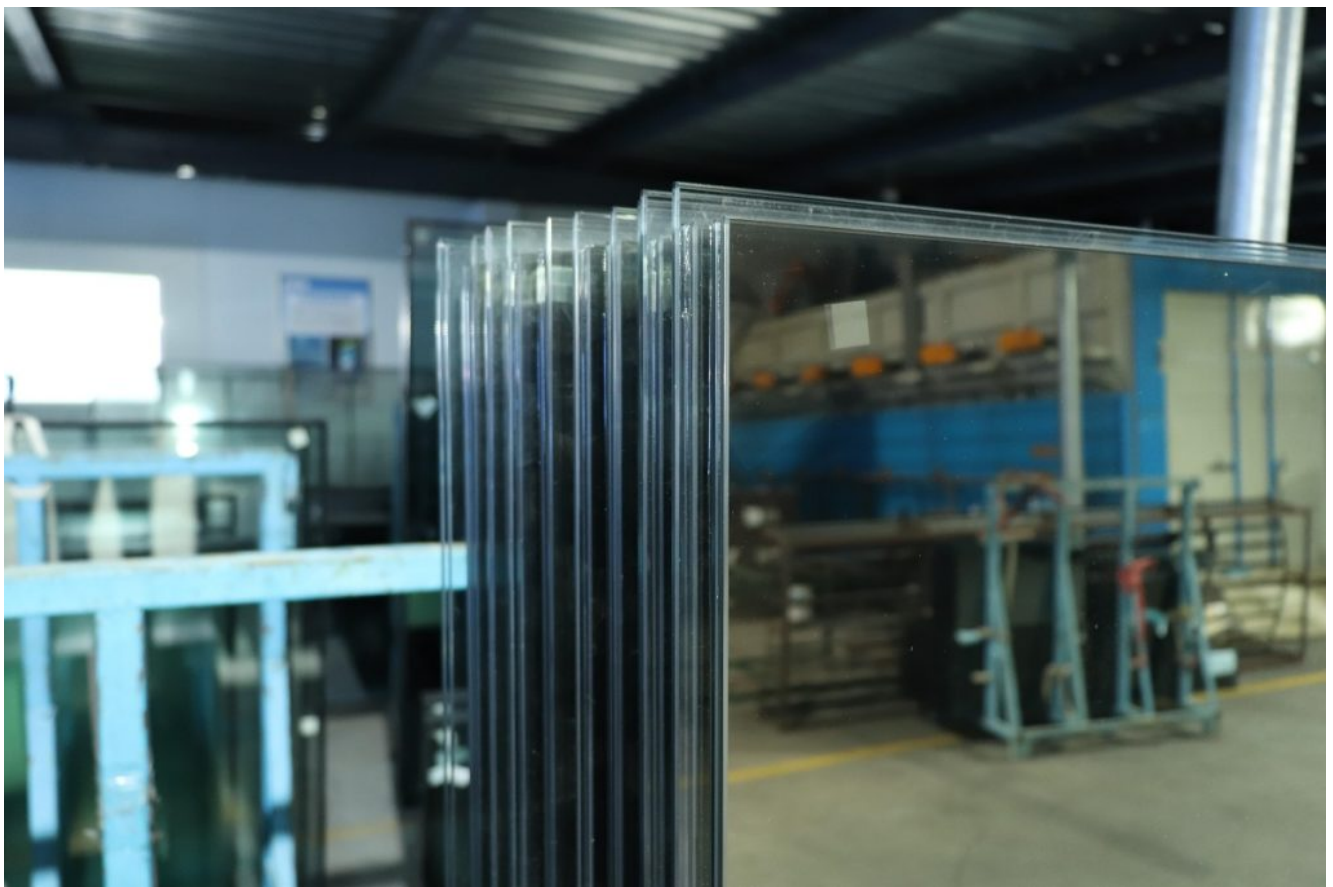
7, Production details:



milky white triple laminated glass with overstep designs



milky white triple laminated glass with overstep designs



silver reflective triple laminated glass with overstep designs

8, Quality inspection by our client:

Each panel is subject to the client's needs with $\pm 0.5\text{mm}$ tolerance!



glass size inspection



surface and edge quality inspection

8, Packing details:



Strong plywood crates and carefully packed.

9, FAQ:

1, Where is triple laminated glass required?

It is required when you need super high strength and safety functions. Such as seaside hotels and where robbery might occur. Sgp toughened glass will be suggested as it offers higher performance and stiffness.

2, Triple glass vs double glass

As you can imagine, the triple glass will add triple insurance more than a single glass panel, whereas double glass only offers two. Of course, it is not an accurate comparison, but it is a similar principle.

3, How thick is triple pane glass

Triple pane glass will consist of glass thickness and interlayer thickness. You can use 5+5+5mm glass or 6+6+6mm or even 8+8+8mm, etc. It is up to your design. The interlayer thickness will be according to the glass sizes, holes, applications, etc.

4, Sgp glass vs pvb

For this comparison, you can refer to this article: [Basic 3 kinds of laminated glass interlayer: SGP, PVB, EVA. What is the difference between them?](#)

5, The Dupont sgp film VS Chinese brand sgp

Generally speaking, Dupont sgp film performance will be a little higher than Chinese brand sgp. But the price for Dupont sgp is much higher than Chinese brand sgp as well.

If you are looking for a reliable sgp glass company for your new project, you can feel free to [contact us](#) at any time.