

7 tips to qualify SGP laminated glass suppliers (2024)



1, What is sgp laminated glass?

SGP refers to **SGP** from Dupont. The sgp laminated glass is made by combining two pieces of glass panels with an SGP interlayer. With high temperature (around 200 degrees) and high pressure, the bonding between the glass and the SGP interlayer will permanently stick together. Below is a video that can show you clearly the advantages of SGP laminated glass:

2, Laminated glass pvb vs sgp?



You may wonder, what is the difference between [PVB laminated glass VS SGP laminated glass](#)? Well, for the process, there is not much difference. But for the interlayer material, SGP laminated glass will be 5 times higher strength than PVB laminated glass and up to 100 times stiffer than normal PVB laminated glass.

For broken status, PVB laminated glass though will glue the broken pieces together but will fall down whereas the SGP glass will still stand up.

In this way, for some applications like frameless railing, SGP glass will offer higher safety.

3, What are the advantages of SGP laminated glass?

- **higher strength:** SGP laminated glass is 5 times stronger than PVB laminated glass in the same thickness.
- **Higher strength:** Higher strength means you can save material whereas thinner configurations for architecture design. SGP glass requires thinner thickness than PVB glass.
- **higher transmittance, clearer:** SGP's yellow index is less than 1.5 whereas pvb is about 6~12, which means SGP film can offer higher transmittance, much clearer, and beautiful scenery. SGP film is usually combined with extra clear glass to enhance its super clear beauty.



SGP glass products and applications

4, What are the applications of SGP

Laminated glass?

SGP glass can be used in facade, curtain wall, windows, doors, railing, partition, floor, etc places [REDACTED] as a necessity or [REDACTED] are considered as first place.

As you can see from this picture, 3~4 layers of SGP glass will completely guarantee the safety of humans stepping onside.



5, How to qualify SGP glass suppliers?

[Qualified SGP glass suppliers](#) will have certifications from SentryGlas from Dupont, the certifications will be tracked from the internet. Sometimes some clients will ask us, why there are some suppliers that can offer SGP glass prices much lower than yours? The truth is, some so-called "SGP glass" are

from those suppliers without certification, and the “SGP” layer material cannot pass the test of impact and also the acid test, etc.

Generally speaking, SGP glass price will be on average pricing in China for qualified suppliers, the only difference will depend on the processing quality control such as size accuracy, edgework without chips, no bubbles, super good glass tempering quality, etc. Our quality control systems all follow CE & ASTM standards and therefore can guarantee high-quality SGP glass products for you. Our quality files can be sent for your reference to help you find **good SGP glass suppliers**.



One of the best SGP glass suppliers-Shenzhen Dragon Glass

6, What [Shenzhen Dragon Glass](#) can offer you?

Product name	SGP laminated glass
Glass color	Clear, ultra clear, blue, green, bronze, grey, etc.

Glass thickness	5+5mm, 6+6mm, 8+8mm, 10+10mm, 12+12mm, etc 5+5+5mm, 6+6+6mm, 8+8+8mm, 10+10+10mm, etc 5+5+5+5mm, 6+6+6+6mm, 8+8+8+8mm, etc, other types are available too.
SGP thickness	0.89, 1.52, 2.28, 3.04, etc
Shape	flat/ curved
Applications	Facade, curtain wall, railing, skylights, balcony balustrade, windows, glass floor , floating glass staircase , etc.
Certifications	SGCC, CE, CCC, ISO9001, etc
Max size	3200*12000mm
Capacity	3000 SQM/Day

7, Certified sgp specialist glass products ltd Shenzhen Dragon Glass.

[Shenzhen Dragon Glass](#) as a certified sgp glass supplier and top 3 glass manufacturers in Guangdong, has the certifications of ISO9001/CCC/SGCC/CE certifications. We are able to provide you with excellent quality glass products.

