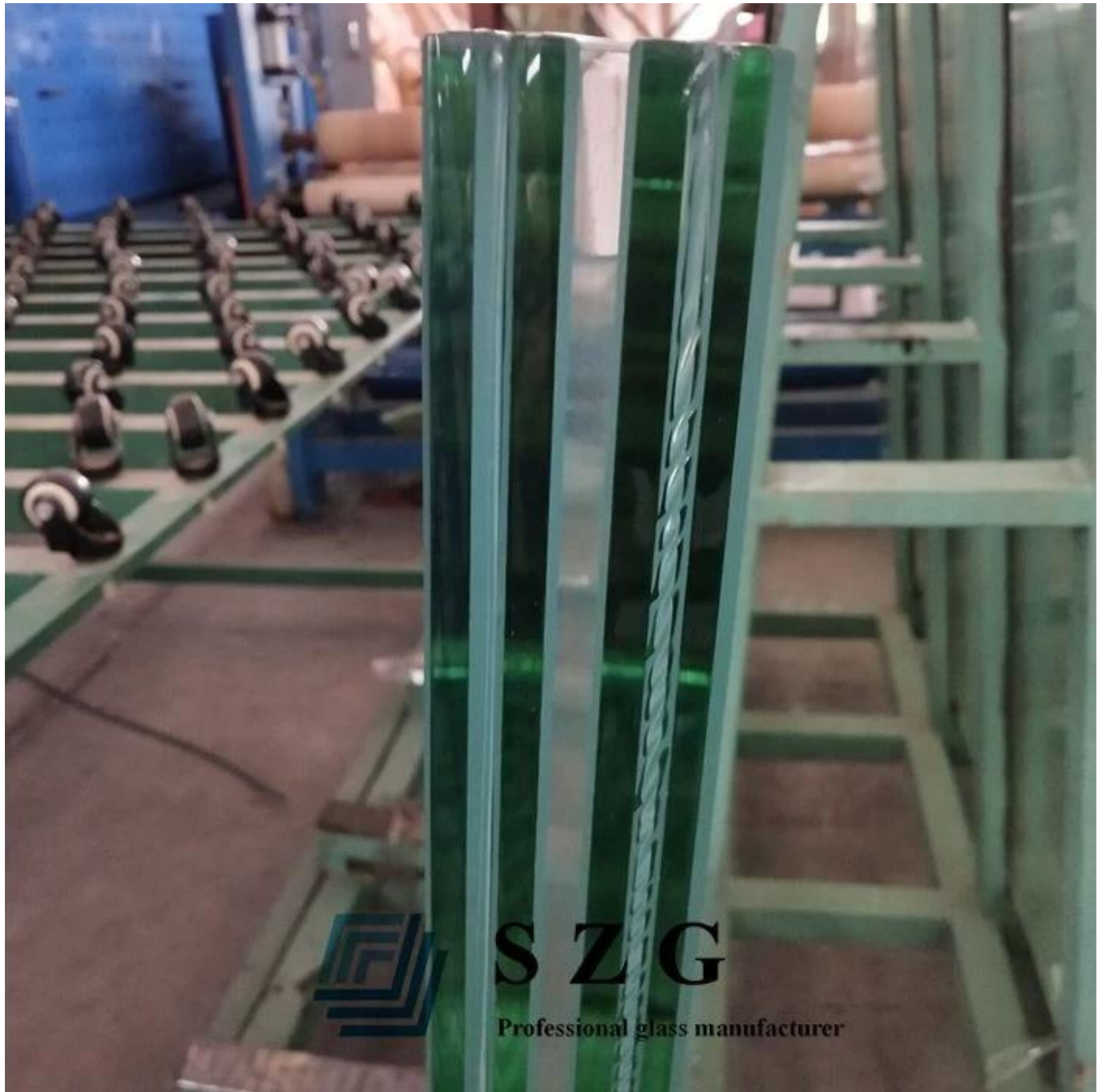


SZG 10mm+1.52mm SGP film+10mm tempered laminated glass- Best SGP Laminated glass brand in China building glass industry

Compare to PVB and EVA, SGP laminated glass are with highest strength and Cohesiveness, make it easy to adapt to the latest and most stringent requirements of today's construction market.

21.52mm SGP hurricane proof laminated glass are made by two layers of [10mm tempered glass](#) and with SGP interlayer film. It used widely in area need to consider human safety.







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Specification:

SGP brand: DuPont or Saflex SOLUTIA based on customers' request

SGP max size: 6000mm(Length)*2500mm(Width), can be bespoke based on clients' demand

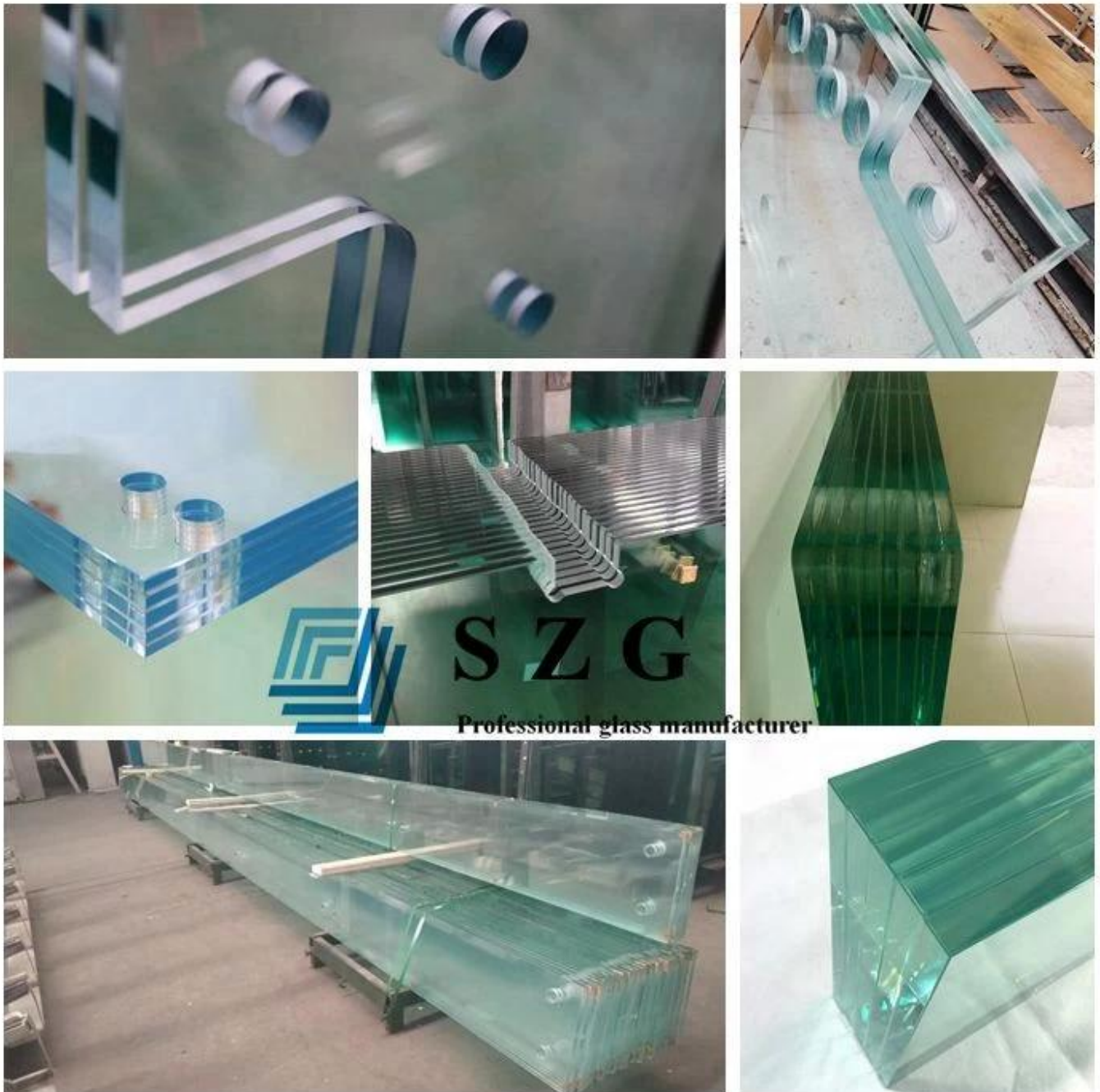
SGP Sentry film thickness: 0.89mm /1.52mm /2.28mm

Glass Substrate Options: ultra clear glass, clear glass, tinted glass, reflective glass, silkscreen glass, Low-E glass, frosted glass, etc.

SGP laminated glass thickness: 11.52mm SGP laminated glass,13.52mm SGP laminated glass,17.52mm

SGP laminated glass, 25.52mm SGP laminated glass, etc

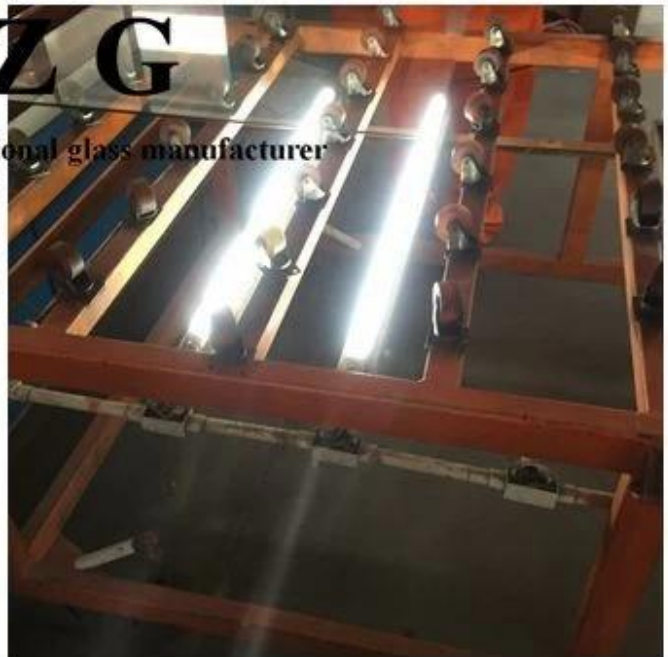
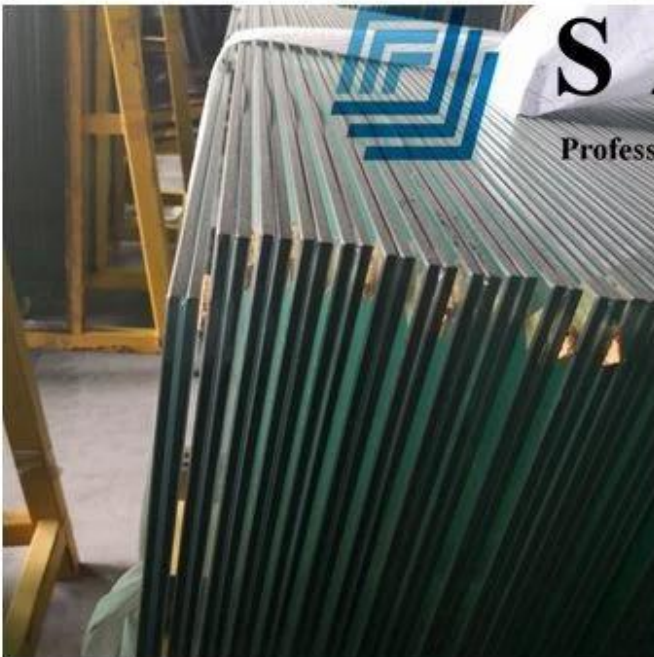
Glass shape: Both flat laminated glass and curved laminated glass are available, will customize based on clients' drawing.



Features:

1. The hardness of sgp glass is 100 times than PVB laminated glass and tear strength of sgp laminated glass is 5 times than PVB laminated glass.

2. SGP laminated glass have the function of hurricane resistance, can resist bigger storms due to it with highest stickiness.
3. SGP laminated glass can use as bulletproof glass and can improve the performance of bullet-proof glass.
4. after years of exposure, sgp laminated glass are extremely durable and resistant keep the glass in flawless and transparent.
5. Laminate sgp film glass is suitable for frameless design in open air, such as balcony railing etc, it will not absorb the water in air.
6. Excellent safety performance after after broken.



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SGP laminated technical data

Material Performance	SGP	PVB
Tensile Strength MPA	34.5	28.1
Tear Strength MJ/m ³	50	10-15
Fracture Expansion Rate	400%	275%
Haze Degree	<<2%	<2%
Yellow Index	<1.5	6-12
Index of Refraction	1.5	1.47~1.5
Transmittance 6mm Clear+1.52mm+6mm Clear	89%	89%
UV Resistance Rate 3mm Clear+0.38mm+6mm Clear	99.9%	99.9%
Ignition Point	470°C	410°C
Flame Spread Index	30	60
Combustion Smoke Index	215	350

SGP Application:

As SGP laminated glass has excellent performance, it has been widely used in various industries. With safety, beauty and unique combination of further demand,SGP laminated glass have wide application in construction, see below:

1. Glass walkway, glass bridge, glass floor etc
2. Open air design, such as balcony railing, pool fence.
3. Glass facade, glass curtain wall etc
4. Glass roof, glass skylight, glass dome etc.



Quality Certificates:

SZG Sgp laminated glass produce strictly follow ISO9001 Quality System. It pass domestic and International quality standards see as below:

1. 21.52mm SGP laminated glass balcony railing meet Chinese quality standard CCC Certificate.
2. 21.52mm SGP laminated glass balcony railing meet Europe standard EN14449, E12510 and American market standard SGCC ANSI Z97.
3. 21.52mm SGP laminated glass balcony railing meet British standard BS6206 .

4. 21.52mm SGP laminated glass balcony railing meet China Construction Glass Standard GB9962 and GB15763.2.

5. 21.52mm SGP laminated glass balcony railing meet Israel SII Test.



