

SGP 13.52 SGP 6mm, 6mm SGP + 1.52 SGP + 6mm

SGP ?

SGP = SentryGlas®

SGP ...

SGP ... PVB ...

SGP Performance data

Material	SGP	PVB	Standard
Density (g/cm ³)	0.95	1.07~1.08	ASTM D-792
Coefficient of linear expansion (°C ⁻¹)	10~15x10 ⁻⁵ (-20°C ~32 °C)	4x10 ⁻⁴	ASTM D-696
Tensile strength (Mpa)	34.5	20	ASTM D-638
Tear strength (Tear energy) (MJ/m ³)	50	10-15	ASTM D-638
CSS (Mpa)	>20.7		Du Pont
Elongation (%)	400	275 (ASTM D-412)	ASTM D-638
HDT @ 66 PSI	43°C		ASTM D-696
Haze	<2%	<2	
YID %	<2.5	10-15	(interlayer)
Refractive index	1.5	1.47~1.5	
UV cutoff wavelength (nm)	310	380	
UV screening (%) 3C+0.38+3C	99.98	99.98	

SGP:

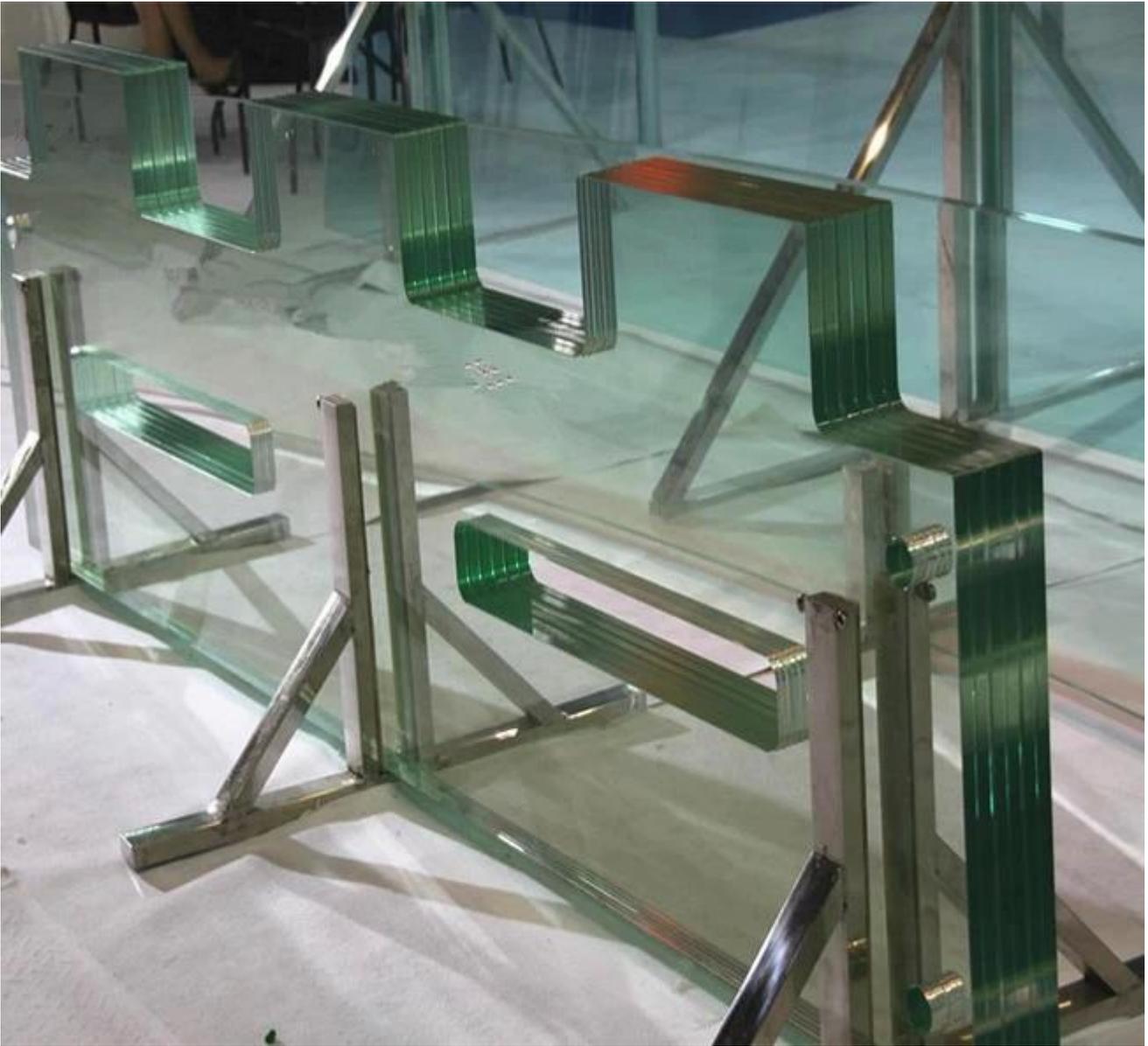
3000 * 5000, 300 * 300

5, 6, 8, 10, 12, 15, SGP 0.89, 1.52, 2.28, 3.04 substrates

low-e, etched, screen-printed

SGP vs PVB

SGP = PVB x1.25 = SGP PVB 5



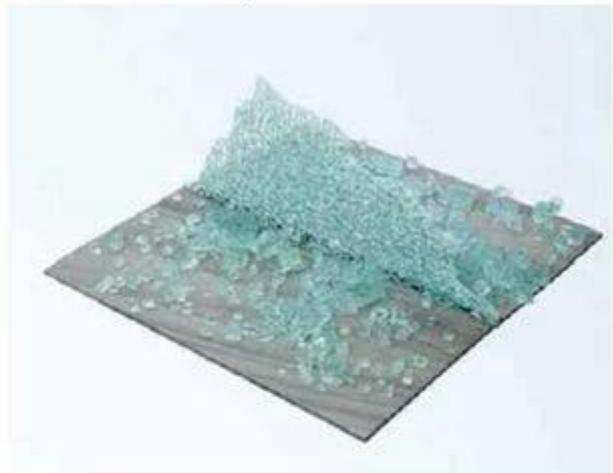
SGP 是 一种 **Differen** 类型的 夹层玻璃 结构，**PVB** 是 一种 用于 夹层玻璃 的 中间层 材料。



Laminated Glass with
SGP Interlayer



Laminated Glass with
PVB Interlayer



Tempered Glass

SGP □□□□□□□ □□□□□□ □□□□□□ □□ □□□□□ □□□□□□ □□ □□ □□□□□:



Jimmy Glass 專業玻璃工程 玻璃門窗 玻璃幕牆

