

Sun Global Glass Factory is composed of a tough plastic interlayer composite that is laminated between two layers of tempered glass. It extends the performance of laminated glass beyond current technologies as the interlayer offers five times the tear strength and 100 times the rigidity of the more conventional PVB interlayer. SGP satisfies consumers' requests for break-resistant windows by providing added security, even in accidents. The adhesive interlayer increases occupant safety and reduces the risk of lacerations from flying pieces of broken glass.

Specification:

1. Glass Substrate Options: **ultra clear float glass**, [clear float glass](#), [tinted glass](#), **reflective glass**, [silkscreen glass](#), Low-E glass, Frosted glass, etc.
2. SGP Sentry film thickness: 0.76mm /1.52mm /2.28mm /3.04mm (QTY 4*0.76mm)... 0.76mm or multiples of 0.76mm
3. SGP brand: Du Pont or Saflex SOLUTIA
4. Max length: 6000mm, can be bespoke
5. Max width: 2500mm, can be customized
6. Both flat laminated glass and curved laminated glass are available

Advantages compared to PVB film:

1. Super highly security from threats such as horrible weather
2. Can withstand bomb blast performance requirements and hurricane
3. Greater durability in elevated temperatures
4. Fragment retention
5. Thinner and lighter than PVB, about 100 times stronger than PVB
6. SGP film can bond metal plates and membrane, which creates a new field in aesthetic.

Applications:

1. Explosion-proof glass
2. High-speed train windshield Vitreous stair(it will be stick with the metal)
3. Railings -SGP hurricane glass
4. ceiling
5. Security doors and windows
6. Glass visor

