

## **SZG 27.04mm white PVB film triple toughened laminated glass**

**SGP tempered laminated glass** SentryGlas structural interlayer helps architects and glazed building system manufacturers meet society's need for greater security, energy efficiency, noise reduction, and safety requirements. Normally SGP film laminated glass are five times stronger than conventional interlayer material. The stronger even can be up to 100 times. Besides its strength, SentryGlass retains its outstanding clarity, even after years of service, to provide superior, lasting beauty for laminated glass whatever the application - from floors and stairs to balcony rails and minimally supported glass canopies..

### **Specification:**

1. Safety & security double glazing: the SGP film ensure the glass strong ,tough and durable. Even in the hostile environment and weather. It also can be used for a long time.
2. Security in hurricane— The weakest link in glass is the inclusion of fragments and the pressure of wind. However, the laminated glass with SGP makes a good performance in here.
3. SGP sentry laminated glass reduce the laminated glass thickness in a certain extent..
4. SGP film can bond metal plates and membrane, which creates a new field in aesthetic.
5. SGP film is 5 times stronger than other interlayer material, even can be up to 100 times.

### **Features of SGP laminated glass:**

1. High Safety: Annealed glass breaks into sharp shards when it breaks whereas laminated glass (if it even does break) will break into small, blunt pieces.
2. Can withstand changes in temperatures
3. Economic, less likely to replacement
4. UV Rays: laminated glass has a perfect performance in UV resistance, it can be attached reached 90%. Indoor furniture can be avoided fading.
5. Anti Light Pollution: It can be reduced the transmission of the light of the Sun. So it will have a nice performance in light pollution.

### **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

### **What makes SGP film glass different?**

- 1.Great security even in severe weather such as hurricane threats.
- 2.Great durability even in the high temperature.
- 3.Heat strength glass don't exist spontaneous explosion, it is a typically specific glass when additional strength is needed to resist wind pressure, thermal stress.

### **Applications:**

- 1.Windows, doors and skylights in the severe environment such as high temperature and bad weather (hurricane)
- 2.High-rise buildings, large public buildings safety glass.
- 3.Bomb blast resistant windows, doors and facades
- 4.Large size architectural glass.

### **Products Pictures:**



**Workshop:**



Package:

