

## Flat& Bent 20.89mm SGP Laminated Glass

Flat & Curved shape SGP film tempered laminated glass is originally created for use in specialty safety glass markets such as high-security glazing and hurricane windows, building facades, store front doors, etc. SGP sentry interlayers laminated glass takes an very important part on building glass structural engineering.

In this section, These two layers of [bent tempered glass](#) can be clear tempered glass, ultra clear tempered glass, tinted tempered glass, reflective tempered glass, [silkscreen glass](#), etc.

### Sepecification:

- 1.Glass Product: 20.89mm SGP Clear Tempered Laminated Glass
- 2.Glass substrates: [10mm clear toughened glass](#) \*2
- 3.Interlayer film: 0.89mm SGP sentry film
- 4.Size& shape: bespoke size as per the client's requirement, both flat and bent shapes are available
- 5.Processing service: can be drilled hole, cut notches, bevelled edges, silkscreen printing, etc.



### **The Advantage of SGP sentry film:**

1. SGP film is stiffer than PVB film over wide range of temperatures
2. SGP film also shows improved toughness (5 times more than PVB film)
3. the best choice of a structural interlayer
4. good opportunities to reduce glass thickness and increase panel sizes
5. low -creep properties at elevated temperatures

### **The Advantage of 20.89mm SGP interlayer Toughened Laminated Glass:**

1. 20.89mm SGP laminated glass are stronger than ordinary PVB film laminated glass

2. 20.89mm thickness SGP laminated glass shows near equivalence to monolith glass of same total thickness
3. SGP laminated glass have high performance frameless glazing
4. they can increased load capacity 56%
5. they can reduced deflections 65%; increased unsupported spans
6. laminated glass thickness reduced by 2 times using SGP film; lower deflection and glass stress with SGP film; excellent post-glass breakage properties.
7. SGP laminated glass have shown superior post-glass breakage performance on stiffness and toughness
8. bellapart designed lightweight, low-slope roof with SGP laminated glass.

### **About SZG:**

1. We have over 20 years production experiences of 20.89mm SGP safety toughened laminated glass. There are advanced production equipment, sophisticated workers, skilled technician team and professional sales teams to service you, to make sure we can offer you high end quality of glass and pleasant services which are beyond your expectation.
2. Before mass production, we will double check CAD drawings for each glass panel with clients.
3. You can dedicated processing services including: drilled holes, cut notches, silkscreen printing, polished edges, bevelled edges, safety corners, etc.
4. You not only can have full tempered glass, but also can have heat strengthened glass and heat soaked tested glass.



## Glass Application:

20.89mm SGP Tempered Laminated Glass Railing, 20.89mm SGP Glass Canopies, 20.89mm SGP Laminated Glass Front Doors, 20.89mm SGP sentry Tempered Laminated Glass fences, etc.