

## 10mm clear Low Iron Heat Strengthened+1.52 clear PVB+8mm clear Low-E Heat strengthened Planibel G

Shenzhen Sun Global Glass Co., Limited is a professional building glass manufacturer in Shenzhen of China. We can produce variety of commercial glass and residential glass, such as: insulated glass, tempered glass, laminated glass, [glass flooring](#), [glass railing](#), [glass curtain wall](#), etc.

In this section, 19.52mm Low Iron Heat Strengthened Low E Planibel G Glass is a very useful combination, which has been applied to glass facade system or glass curtain wall construction. Here Planibel G is a hard-coating Low E glass, which is also called low emissivity glass. The Low-E coating is applied on a substrate of clear float glass by a pyrolytic process called CVD (chemical vapor deposition) method. In winter, the aim of the coating is to reflect the heat back inside of the building to prevent loss and keep the indoor climate at an even temperature. In summer, the coating will reduce the amount of re-radiated heat into the building thereby keeping indoor cooler. Total heat gain is reduced.



## **Specification:**

1. Glass substrate: 10mm low iron heat strengthened glass+1.52mm transparent PVB film+8mm Planibel G Low E heat strengthened glass
2. Planibel G Low E thickness options: 3mm, 4mm, 5mm, 6mm, 8mm & 10mm
3. Glass size: customized sizes are available upon request
4. Glass shape: Flat or Curved
5. Processing services: silkscreen printed, drilled holes, cut notches, beveled edges, safety corners, etc.
6. Production time: within 15 days, after payment received.

## **Features:**

1. They are excellent building materials for application of glass curtain wall, glass facade, etc.
2. These two panels are been heat strengthened treatment, they have a strength 2~3 times than the ordinary anneal glass. With a relatively low proportion of spontaneous breakage.
3. High quality of 1.52mm PVB film can stick these two panels firmly. When breakage occurs, the fragment still can be adhere together. Hence this glass can be ranked to a security glass.

## **Application:**

1. Glass canopy
2. Glass skylight
3. Glass wall
4. Glass facade
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