

6mm Low E toughened tempered glass--Safety building glass

Low E Glass also indicated as low emissivity glass, because it has low emissivity, which means low capacity of a surface to radiate heat. Low E coating Glass plays important parts in modern buildings, they can be Low E tempered glass windows, Low E glass facades, etc. They significantly affect the overall heating, lighting and cooling costs of a house.

In this section of 6mm tempered glass Low E , it is toughened full Low E ed coating glass online. They are made of 6mm online coating Low E -baked glass, custom made sizes, both flat shapes & curves are available.



Specification:

Product 1. Glass: 6mm Low E tempered Glass

Method 2. Treatment: Full tempered glass

Size 3. Max: 3300mm * 5100mm

4. Online Low E glass makers: AGC Low E Glass ([Planible G Low E Glass](#), [SUNERGY Low E Glass](#) and [Sy-48 Low E Glass](#)), SYP Low E Glass, and other Chinese Low E makers.

5. Shape: Flat Low E tempered glass, curved Low E glass, and Low E hot folded glass.

6. Packing: Seaworthy plywood cases with foam protection inside.

The benefits to using Low E tempered glass:

1. Tempered Low E Glass can is 5 times more hardness than [Low Annealed Glass and](#) , hence they also called glass safety Low E tempered glass.
2. Low E Glass can reduce the amount of heat that is driven through glass around 30% compares to ordinary clear float glass, ultra clear float glass, tinted glass, reflective glass, silkscreen glass, etc.
3. Coating Glass Low E can improve thermal efficiency by cutting the brightness and preventing inside damage equipment caused by ultraviolet rays.

Application

The most comprehensive solution of Low E tempered glass is found by combining a Low E -tempered double glazing glass (DGU) or tempered Low E laminated glass (ESG VSG).

Mainly the application as below:

Tempered glass windows 1. Low and

2. Tempered Low E glass doors

3. Tempered Low E insulated glass windows, curtain walls, glass facades

4. [Hardened safety Low E walls laminated glass curtain](#), doors, windows, facades



About SZG

There are two types of Low E coating glass:

1. **Hard coating (online coating)**

It is made by glass coating during production with a layer of thin metallic oxide, welding it effectively to the glass surface.

2. **Soft coating (offline coating)**

It is a kind of sputter coating, applied to the glass which has already been formed. The glass is delivered in a vacuum chamber filled with an inert gas that is electrically charged. This process delivers the highest level of performance and an almost invisible coating.



We have over 20 years of variety building glass production experiences, such as: Low E tempered glass. There are advanced production equipment, sophisticated workers, team of qualified technicians and professional sales teams to serve you, to make sure that we can offer you high end quality glass and nice services that are beyond your Expectation.

Before mass production, we will fold CAD drawings for each glass panel with customers.

You can dedicated processing services including: perforated holes, cutting notches, silkscreen printing, polished edges, beveled edges, safety corners, etc.

You not only can have full tempered glass, but also can have heat reinforced glass and tested glass heat.

