

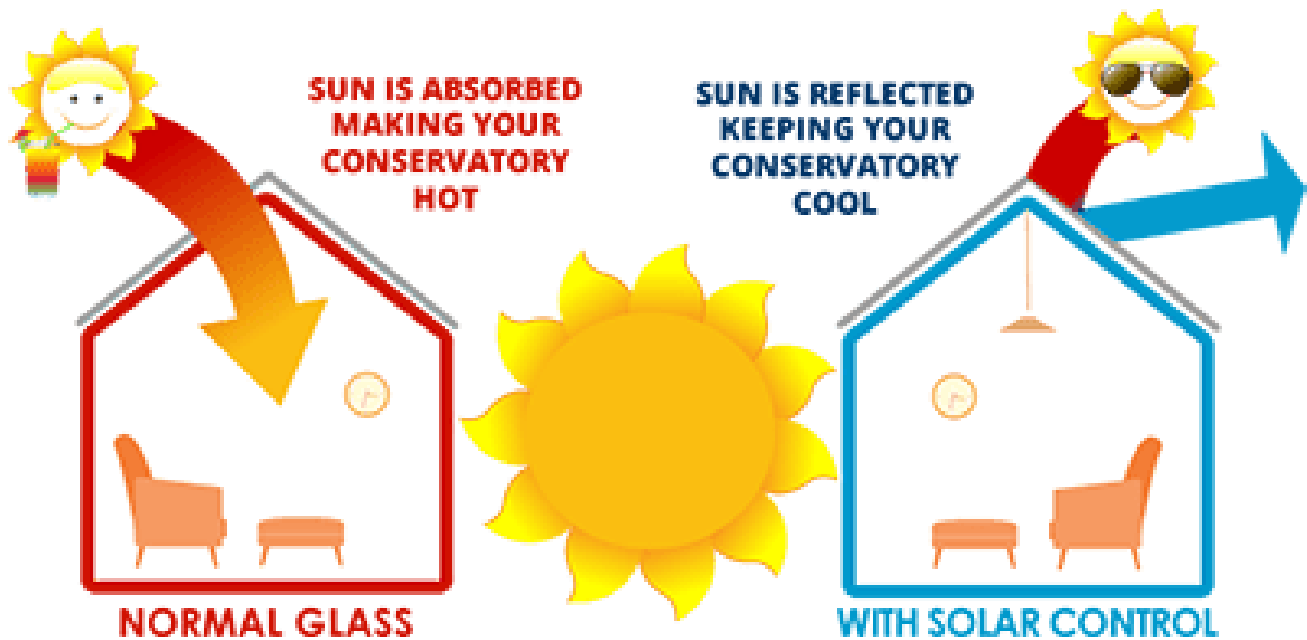
6mm Superb High-performance Solar Control Glass Energy-efficient Glass



Normal glass allows more than 75% of visible light, heat, and ultraviolet radiation to pass through the glass without being absorbed or reflected, which could result in discomfort for people and the high electricity cost.

Solar reflective glass allows natural daylight through, keeping the room bright, and blocking infrared and UV rays light. It makes the room stay cooler during hot and sunny days, meanwhile reducing the need for air-conditioning.

Because of its efficient reflection effect and good lighting, it is ideal for residential and commercial buildings.

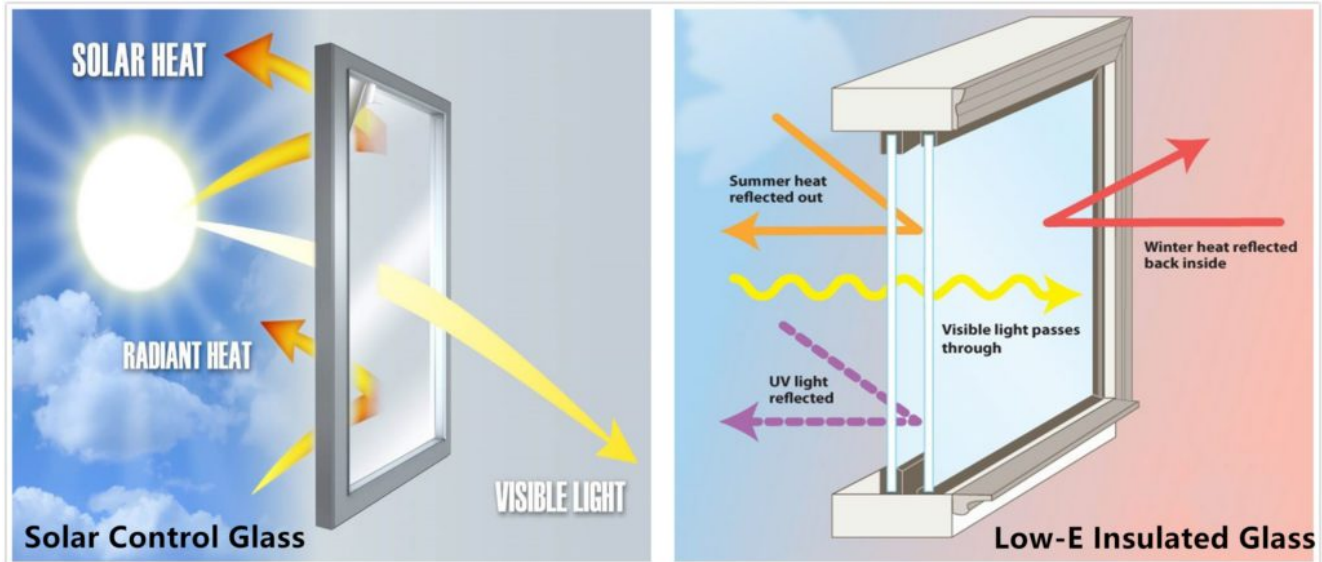


The temperature difference between normal glass and solar control glass

How does solar control glass work?

This glass has a very thin coating on one side of the glass that reflects heat from the sun. That helps to prevent overheating in large areas of the glass. At the same time, the coating can also reduce uncomfortable glare from direct sunlight.

There are two types of coating glass in the market. **Solar Control Glass** and **Low-E Glass**. Solar reflective glass can be used as a single panel. However, Low-E glass can't, because there is a silver coating. Its coating is easy to be oxidized in the air and damaged by scratch, which makes it for insulated glass only.



Solar control glass and Low-E insulated glass heat and sunlight reflection

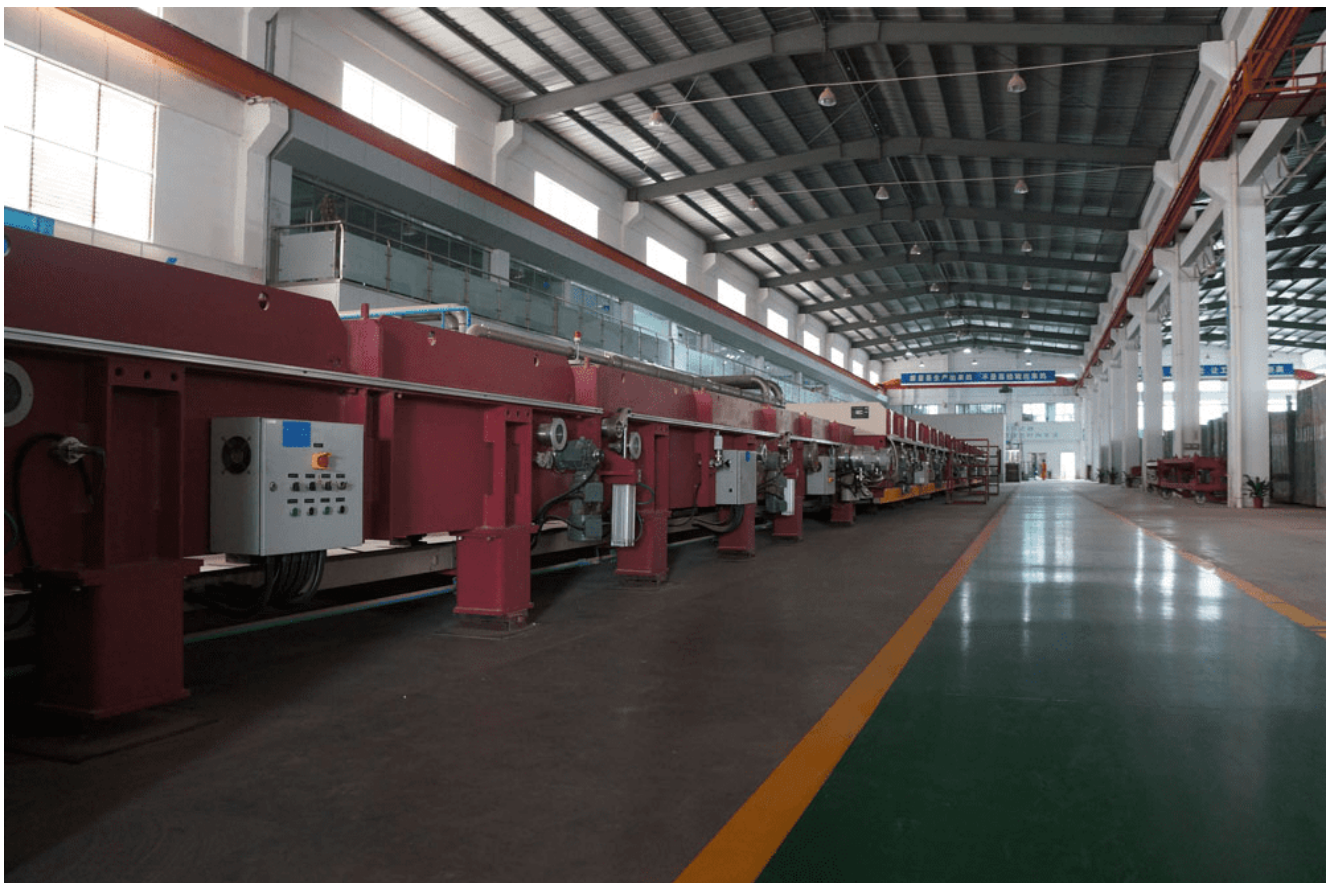
The advantages of energy-efficient glass

- Lowering the heat transmission from the sun
- Keeping the interior cooler
- Saving more electricity fee because of less air conditioning usage
- Blocking harmful UV rays
- Protecting curtains and furniture from fading
- Reducing glare from the sun

The glass coating line & our products



Reflective Glass Coating Line

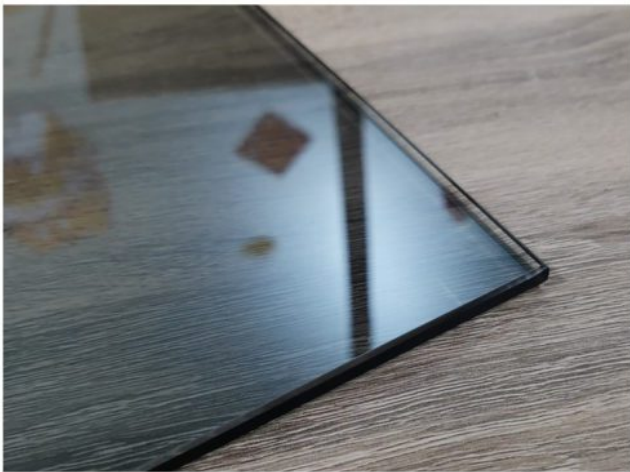
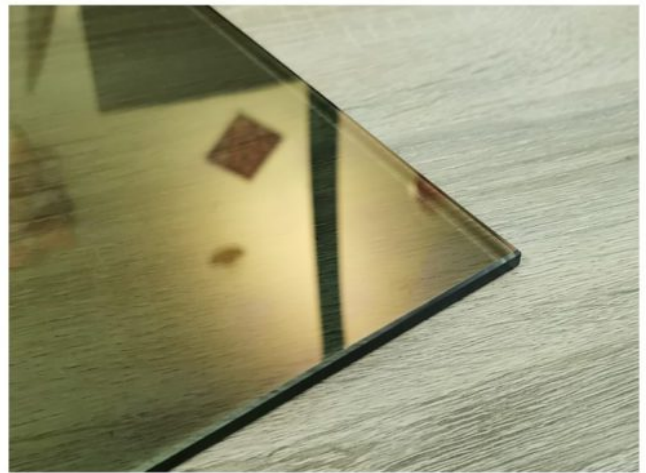
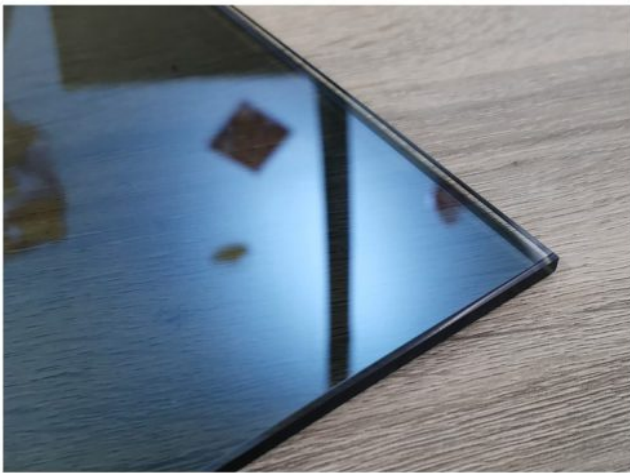


Reflective Glass Coating Line

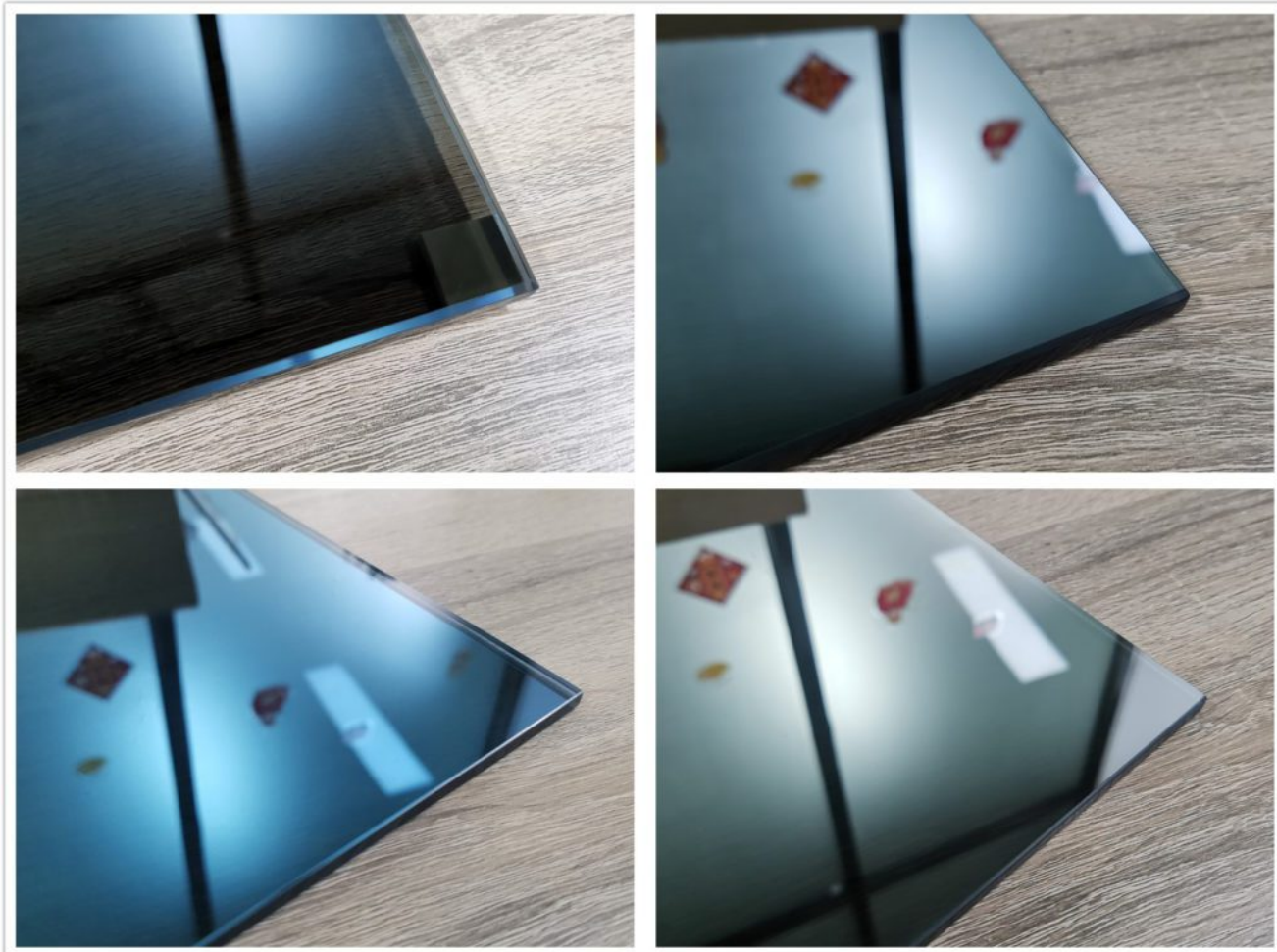


6mm Tempered Light Blued Solar Control Glass

Reflection colors with different coatings



different reflection colors



different reflection colors

Specifications

- Glass thickness: 5-12mm
- Glass color: clear, ultra clear, green, grey, and other tinted glass
- Visible light transmittance: 20% – 80%
- Max size: 2440*6000mm
- Production time: 15 days
- Certifications: CCC/CE/SGCC/ISO9001
- Packing: Strong wooden cases

[Shenzhen Dragon Glass](#) has been in glass industry for more than 20 years, providing high quality glass products around the world. If your projects need any solar control glass or Low-E glass, please **contact us** for more info.