

Solar control 5mm dark green reflective tempered glass factory China

5mm dark green reflective tempered glass, is made from [5mm dark green reflective glass](#) cut to customized size. The glass is placed onto a roller table, taking it through a furnace that heats it well above its transition temperature of 700°C. The glass is then rapidly cooled with forced air drafts while the inner portion remains free to flow for a short time. In this way, the 5mm dark green toughened reflective glass comes out, it's also named 5mm heat reflective tempered glass, 5mm color reflective coated tempered glass. It must be cut to size or pressed to shape before toughening, and cannot be re-worked once toughened. Polishing the edges or drilling holes in the glass is carried out before the toughening process starts. As a kind of solar control decorative safety glass, used as energy saving window glass, exterior curtain wall glass, etc.

What's the advantage of 5mm dark green reflective toughened glass?

- 1. High security:** It is a type of safety glass processed by controlled thermal treatments to increase its strength compared with normal glass. Tempering puts the outer surfaces into compression and the inner surfaces into tension. Such stresses cause the glass, when broken to crumble into small particles instead of splintering into jagged shards as [annealed glass](#) creates. The small particles are less likely to cause injury.
- 2. High strength:** Compare with [5mm annealed glass](#), it's 5 times stronger than 5mm reflective float glass.
- 3. Heat stability:** Hardened glass has good thermal stability, can withstand the temperature difference is 3 times than the ordinary glass, can withstand the temperature difference of 300 °C.

Specification

Except 5mm dark green reflective tempered glass, you can also choose other thickness and color.

Available thickness: 4mm 5mm 5.5mm 6mm 8mm

Available color: F-green, dark green, Ford blue, dark blue, Euro grey, dark grey, Euro bronze, dark bronze.

Size: Max size 3000*8000mm, min size: 300*300mm

Edge work: Flat polished edge, beveled edge, waved edge, OGEE edge, triple OG edge, etc.

Drilling holes: The diameter of the glass hole must be bigger than the thickness of the glass.

Cutout: All kinds of cutout can be done according to the drawing picture, suit for different kinds of hardware accordingly.

Safety corner: Safety corner also is available. To avoid the strike happen and protect the glass damaged from corners.

Application

As a popular building material, 5mm green reflective [toughened glass](#) is well known as the safety energy saving decorative glass. In one hand, it's widely used for home and commercial building, such as window glass, curtain wall glass, etc. In the other hand, 5mm dark green reflective hardened glass can be laminated with other glass panel to become dark green reflective tempered laminated glass, or seal with noble gas, dry air to be dark green reflective tempered insulated glass, which is widely used for windows, railings, exterior wall, glass roof, glass skylight, etc.

Why choose SHENZHEN JIMY GLASS to buy 5mm color reflective coated tempered glass?

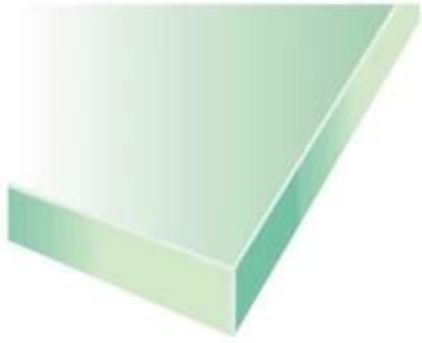
1. We are one of the famous tempered glass factories in China. We have advanced equipment and professional worked team, produce nice quality glass with short time.
2. We are committed to providing a total service to our customers: on-time, high-quality glass and responsive, honest, clear communications.
3. In case the broken risk, all tempered glass shipped to customer is with new strong export plywood crates, peal wool interlayer.
4. Our advantage is the big size of the tempered glass, the largest size reach 3000*8000mm, and cut out, polished edge, drilling holes is available.

5. All tinted reflective tempered glass is coming with CE, CCC, ISO certification.

Picture of 5mm dark green reflective tempered glass



Picture of color reflective safety glass corners



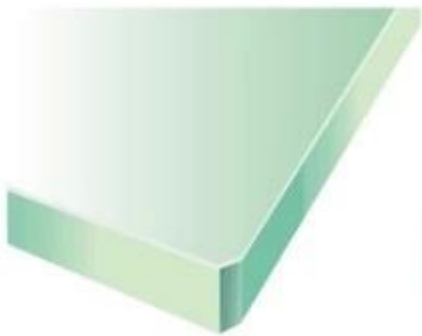
Sharp Corner



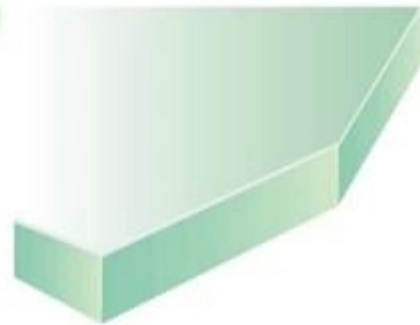
Polished Radius



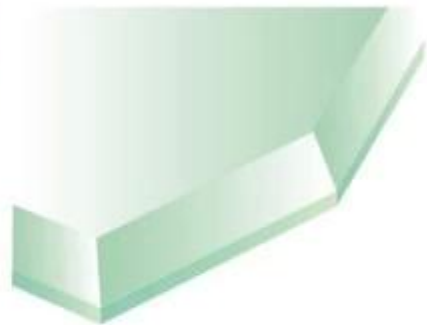
Beveled Radius



Dubbed Corner



Polished Clipped



Beveled Clipped

Picture of color reflective safety glass production line

