

## CE certificate 5mm light green color tempered toughened security glass panel price

5mm light green [tempered glass](#), also named 5mm F-green toughened glass, 5mm F-green ESG glass, 5mm light green hardened glass. It's made from [5mm green color tinted float glass](#) cut to customized size, put them into the tempered furnace, heating to over 600 °C, and cooling it rapidly, which let outer surfaces of the glass in a state of high compression. 5mm green tempered glass is 5 times stronger than 5mm green annealed glass. It's safety glass widely used for doors and windows, curtain wall, furniture decoration, etc.

### Characteristic

**High strength:** 5mm green tempered glass panel is 5 times stronger than 5mm non- tempered float glass.

**High security:** when breakage happened, green toughened glass sheet will break into small particles that do harmless to human body.

**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.

Cut notches, cutouts, drill holes, polish edges, all these processing must be done before tempered.

### Specification

Except 5mm light green tempered glass, other color and thickness is available as well.

**Available thickness:** 4mm 5mm 6mm 8mm 10mm 12mm 15mm 19mm

**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

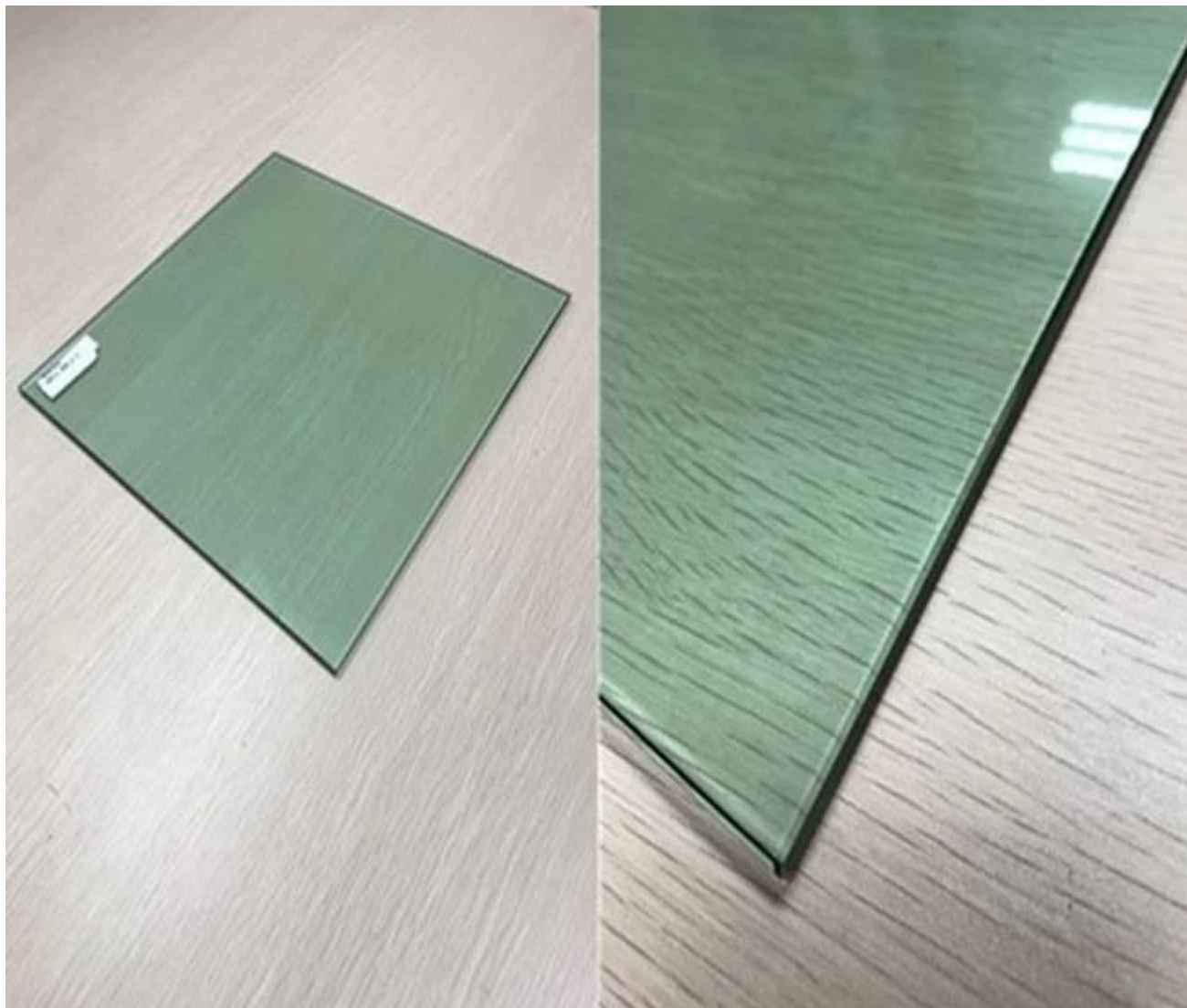
5mm green toughened glass as a popular building material, well known as the safety glass, it's widely used for home and commercial building.

1. 5mm light green tempered glass is widely used for [doors and windows](#), or furniture decoration.
2. 5mm hardened glass can be laminated with other glass panel to become green tempered laminated glass, or seal with noble gas, dry air to be green tempered [insulated glass](#), which is widely used for railings, [glass curtain wall](#), glass roof, etc.

### Glass quality

1. Conforms to the standard of BS6206:1981 Class A
2. European Standard BS EN 12150.
3. CE, CCC, ISO

### Picture of 5mm F-green ESG glass



**Strong export package and safety load for 5mm green tempered glass**



