

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



Production line of 5mm light green color tempered toughened security glass panel

