

12mm tempered glass door,12mm tempered glass price, frameless safety glass sliding door

12mm clear tempered glass / 12mm clear toughened glass is an excellent choice for safety glass door, sliding door, [12mm tempered glass](#) has a very good performance of anti-curve, anti-hitting, 3-5 times better than anneal glass. It is ideal choice glass for areas with high wind loads and areas where human contacts. Because 12mm clear toughened glass is heating 12mm clear float glass (annealed flat glass) to just below its softening temperature (650°C) and suddenly chilling it with jets of cold air. It results in the outer surface under powerful compressive stress and the interior with severe tensile stress. In consequence, the impact applied to the glass will be overcome by the compressive stress on the surfaces to assure safety of use. It becomes small sand shape if it is broken under big force, which guarantee safety and less loss.

12mm safety door tempered glass features:

- ◆ If breakage occurs, the glass breaks up into small, cubical fragments, which are not threatening to human.
- ◆ 5 times harder than ordinary float glass, stronger resistance to thermal breakage than annealed or [heat strengthened glass](#).
- ◆ Stronger resistance to thermal breakage than annealed or heat strengthened glass.
- ◆ 4-5 times stronger than annealed glass of the same thickness.
- ◆ It withstands abrupt temperature change of 220°C.
- ◆ Cutting, grinding and polishing, drilling, water jet cutting, sizes are according to customer's drawing, once tempered, it cannot be cut down.

12mm clear tempered door glass specification:

Size: Maximum 3000*8000mm, Minimum 150*300mm

Other choice glass for door:

Thickness: 8mm 10mm 12mm 15mm 19mm

Color: ultra clear, green, blue, gray, bronze, etc.

Type: Tinted tempered glass, reflective toughened glass, low iron, etched, textured, color painted, pattern screen printing, color smart, thermocolour and low E glass, etc.

Other applications of 12mm tempered glass:

- a. Building glass: window glass; [curtain wall glass](#); fencing glass in buildings, hotels, etc.
- c. Furniture glass: table, cabinet, etc.
- d. Shop display windows, showcases, display shelves etc.

12mm clear tempered glass quality standard:

In accordance with EN12150 European tempered glass standard

In accordance with ASTM1048 American Standard

In accordance with GB 9963-1998 Tempered Glass Standard

In accordance with GB 17981-1999 Chinese Standard Tempered and Heat-Strengthened Glass
Pass Chinese Safety Glass Compulsory Certification (CCC), IGCC, CSI.

The biggest advantage of the tempered glass door is that it keeps the space with good fluidity and richer layers. It also has good day-lighting while separating the space, maintaining the overall sense of space! Tempered glass is good looking, easy to clean, hard and safety makes glass doors to be the most popular choice. Please feel free to contact us to customize a variety of safety glass.

12mm clear tempered glass cut into door size:





12mm tempered glass for entrance door :

