

High Light Transmittance Saftey Tempered 5mm Low Iron Glass

Low iron glass is made of low-iron silica sand, which is a special high clarity float glass with high light transmittance, it has low level content of iron. As we known that the greenish tinted can be seen easily from the normal [clear float glass](#), especially on larger and thicker size for clear annealed glass. Ultra clear glass have a slight blue tint when their edges are polished, bevelled, etc. That is why they also called Starphire Glass (Starfire Glass).

In this section SZG 5mm tempered low iron clear glass is a high-end quality ultra clear glass for building materials. Only grade A quality [5mm ultra clear float glass](#) can be as production materials, which have not bubbles, not mildew spots, not scratches, and have flatter surfaces.



There are advanced production machines in our factory to offer you high quality glass with high efficiency:

1. There are CNC cutting machines, any bespoke size is available;
2. there is Flat&Curved tempered furnace, both flat 5mm ultra clear tempered glass and 5mm curved starphire glass are available; the daily production capacity can up to 8000m² or so
3. There is the most advanced laminated furnace, both flat& curved ultra clear tempered laminated glass are available, the daily production capacity is 4000m² or so
4. There are advance Insulated Glass production line, all flat& bent ultra clear double glazing glass units (DGU) are available, the daily production capacity is 4000m² or so

5mm toughened safety monolithic tempered low iron clear glass can be used for further processed glass production, such as: 554 low iron tempered laminated glass, 5mm ultra clear silkscreen glass, 5mm ultra clear tempered mirror glass, 5mm acid etched extra clear low iron tempered glass, bespoke size ultra clear insulated glass, etc. The more processing services including: full tempered, heat strengthened, heat soaked testing, drilled holes, polished edges, bevelled edges, cut notches, acid etched, etc.

Specification:

1. Glass product: 5mm toughened extra clear low iron glass
2. Size& shapes: bespoke sizes & shapes are available
3. Glass type: full tempered glass
4. Other keywords: starphire glass, starfire glass, extra clear glass, low iron float glass, super white glass, etc.
5. Other heat treatment options: 5mm heat strengthened starphire extra clear glass, 5mm heat soaked testing low iron glass
6. Glass packing: corks separation, brand new, seaworthy, durable, seaworthy plywood crates with foam protection inside.

Features:

1. 5mm safety tempered super white low iron glass is 5 times more rigid than 5mm low iron float glass not tempered
2. 5mm toughened extra clear glass keep a good flat surface and shape after 700°C tempered.
3. 5mm tempered starphire extra clear glass have high light transmittance, more than 90%.
4. 5mm tempered super clear crystal glass can be 5mm ultra clear tempered mirror glass.

Applications:

5mm tempered extra clear starphire glass can be used for 5mm glass table top, 5mm ultra clear tempered windows, 5mm low iron tempered shelves, 5mm super white tempered mirrors, 5mm super clear silksceren glass, etc.

Production



Packing



S Z G

Professional glass manufacturer

in Global Glass