

China Factory 5mm Super Clear Low Iron Glass

5mm Low Iron Float Glass

5MM [Ultra Clear Float Glass](#), also called 5mm Low Iron Float Glass, 5mm Extra Clear Glass, 5mm Starphire Glass, 5mm Optiwhite Glass, it is manufactured in the same manner as [ordinary float glass](#) with a large percentage (approximately 90%) of the iron content removed. This process lessens the inherent green tinge evident in normal standard float glass. This difference can predominately be seen when viewing the glass on its edge, when many panels are stacked together or when coated on one side in light colors. Low iron Glass can effectively replace standard clear glass and offer better productivity.

5mm Low Iron Float Glass Characteristic

- Super high transparency and a neutral color making it the ideal glass where high visibility and clarity are required.
- Displays exactly the color you desired when Colored or painted -regardless of panel thickness, and with no distortion or green tint.
- Perfect for tempering, laminating, screen printing, acid etching, heat treatment and decorating with ceramic colors.
- Suitable for most of glass applications and is favored by architects, initiators, developers and consumers.

5mm Low Iron Float Glass Available Size

1830x2440mm, 2140x3300mm, 2140x3660mm, 2250x3300mm, 2250x3660mm, 2440x3300mm, 2440x3660mm, max size could reach to 3000*12000mm, any customized size can be produced.

5mm Low Iron Float Glass Application

Low Iron Float Glass, it is very popular use to make [ultra clear tempered glass](#), ultra clear laminated glass, ultra clear insulating glass, etc.

It is widely used as,

***ultra clear float glass for greenhouse

***ultra clear float glass for solar panels

***ultra clear float glass for museum cases

***ultra clear float glass for tabletops

***ultra clear float glass for shelves,etc.

5mm Low Iron Float Glass order

*** Production time: Within 5-7 days after the order is confirmed.

*** Payment way: L/C,T/T,Western union

*** Shipping way:

1. Sample: by DHL,UPS,FEDEX,TNT.

2. Orders: by Sea.

*** Packaging: Unique design strong export plywood crates with paper to avoid the breakage.

5mm Low Iron Float Glass Performance Data

Low Iron Float Glass Performance Data

Thickness	Visible Light Transmittance	Visible Light Reflectivity	Solar Radiant Heat				Shading Coefficient			U Value (W/m ² K)	Sound Insulation		UV Penetration
			Direct Penetrate	Reflect	Absorb	Total Penetrate	Short Wave	Long Wave	Total		Rm (dB)	Rw (dB)	
3 mm	92.0%	8.0%	91.0%	8.0%	1.0%	91.0%	1.05	0.01	1.05	5.8	26	30	85
3.2 mm	91.8%	8.0%	91.0%	8.0%	2.0%	91.0%	1.03	0.01	1.05	5.8	26	30	84
4 mm	91.6%	8.0%	90.0%	8.0%	2.0%	91.0%	1.03	0.01	1.05	5.8	27	30	82
5 mm	91.5%	8.0%	90.0%	8.0%	2.0%	90.0%	1.03	0.01	1.03	5.8	29	32	81
6 mm	91.4%	8.0%	89.0%	8.0%	3.0%	90.0%	1.02	0.01	1.03	5.7	29	32	79
8 mm	91.0%	8.0%	88.0%	8.0%	4.0%	89.0%	1.01	0.01	1.02	5.7	31	34	76
10 mm	91.0%	8.0%	88.0%	8.0%	4.0%	89.0%	1.01	0.02	1.02	5.6	33	36	74
12 mm	91.0%	8.0%	87.0%	8.0%	5.0%	88.0%	1	0.02	1.01	5.5	34	37	72
15 mm	90.0%	8.0%	86.0%	8.0%	6.0%	87.0%	0.99	0.02	1	5.5	35	38	71
19 mm	90.0%	8.0%	84.0%	8.0%	7.0%	86.0%	0.97	0.02	0.99	5.5	37	40	70

for reference only.

5MM Low Iron Float Glass



[Float Glass](#) Production Plant



China Float Glass Packaging



5MM Low Iron Float Glass For Greenhouse

