

China 12mm Extra Clear Low Iron Float Glass Manufacturer

About Low Iron Float Glass

Low Iron Float Glass, also name Ultra Clear Float Glass / Extra Clear Glass / Starphire glass / 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.

12mm Extra Clear 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.

12mm Super Clear Float Glass Available Size

1830x2440mm, 2140x3300mm, 2140x3660mm, 2250x3300mm, 2250x3660mm, 2440x3300mm, 2440x3660mm, max size could reach to 3000*12000mm, any other size can be produced as per customer's requirement.

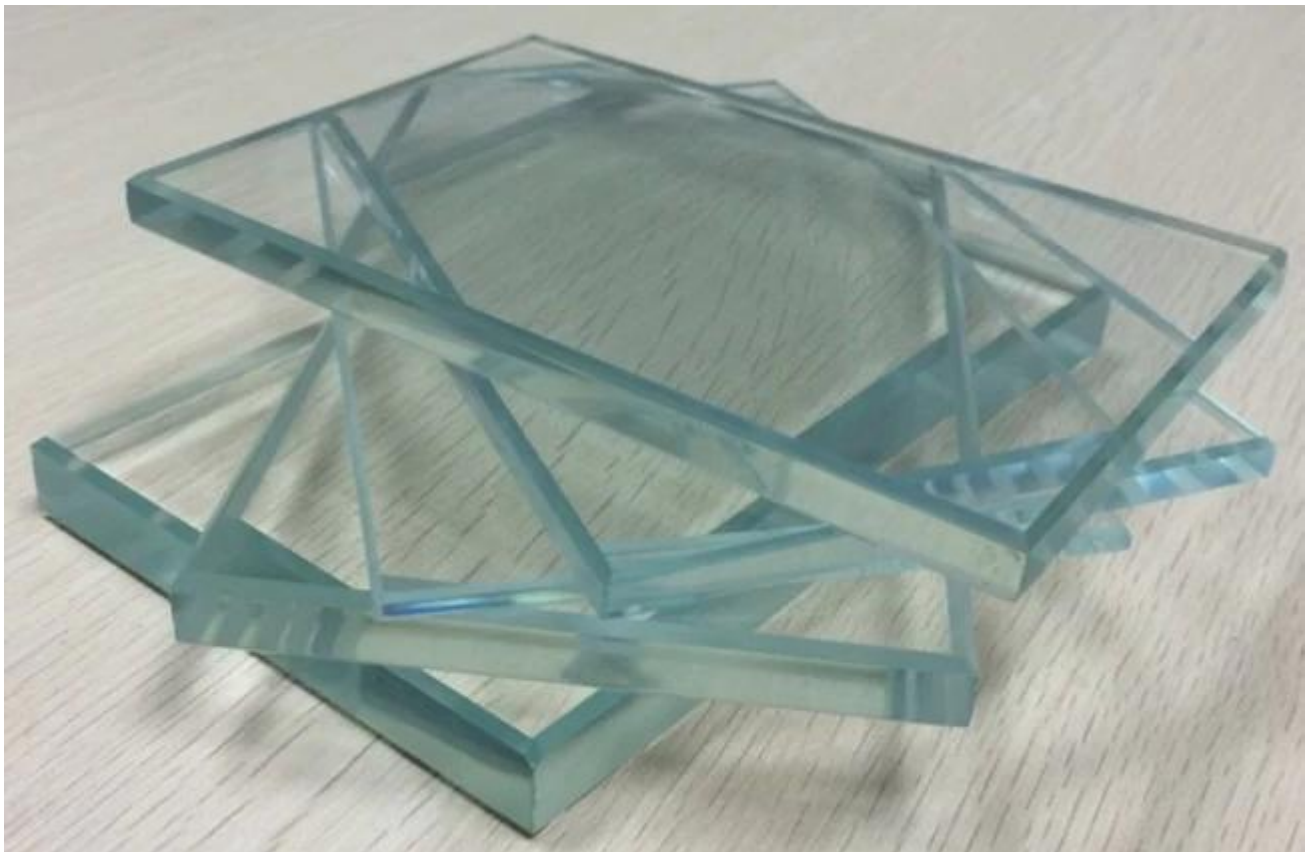
12mm Optiwhite Float Glass Application

- Entrances, storefronts, lobbies and reception areas
- Balustrades, balconies, patios, barriers, stair railing, skylight, canopy, roof
- Zoo enclosures, fish tanks, jewelry display cases and museum cases
- Shelves, tabletops, back splashes, dividing walls, office partitions, bathroom enclosures

12mm Super Clear Float Glass Performance Data

Color 色别	Thick Mm厚度	Visible light 可见光			Solar Heat 太阳热能					U Value U值		Shading Coefficient 遮蔽系数
		Trans. % 透过率	Reflec. % 反射率	UV Trans. % 紫外线透过率	Reflec. % 反射率	Absorb. % 吸收率	Direct Heat Trans. % 直接透过率	Total Heat Trans. % 总透过率	Relative Heat Gain W/m² 总热量透过量	Winter Nighttime W/m²K 冬季	Summer Daytime W/m²K 夏季	
Super Clear 超白透明色	3.2	91	8	85	8	2	90	91	698	5.91	5.33	1.04
	4	91	8	84	8	3	89	90	692	5.87	5.29	1.03
	5	91	8	83	8	3	89	90	690	5.83	5.26	1.03
	6	91	8	82	8	4	88	89	688	5.79	5.23	1.03
	8	91	8	80	8	4	88	89	685	5.72	5.17	1.02
	10	90	8	78	7	6	87	89	682	5.65	5.11	1.02
	12	90	8	77	7	7	86	88	680	5.57	5.04	1.02

12mm Extra Clear Float Glass



Low Iron Float Glass Production Line



Low Iron Float Glass Warehouse



