

# China 10mm Ultra Clear Low Iron Float Glass Factory

## About Ultra Clear Float Glass

Ultra Clear Float Glass, also name Low Iron 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.

## 10mm Ultra 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.

## 10mm Ultra Clear Float Glass Available Size

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

## 10mm Ultra Clear Float Glass Application

Most often use to make safety [tempered glass](#) to use as storefront glass, balustrade glass, museum glass shelves, etc., and make [laminated glass](#) to use as stair handrail glass, jumbo size aquarium glass, anti-slip floor glass, etc., and color [screen printing glass](#) or color painted glass to use as kitchen splash back glass, interior decorative wall glass, office partition glass, etc.

## 10mm Ultra Clear Float Glass Performance Data

Color 色 别	Thick Mm厚度	Visible light 可见光		UV Trans. % 紫外线透 过率	Solar Heat 太阳热能				Relative Heat Gain W/m² 总热 透过量	U Value U值		Shading Coefficient 遮 蔽系数
		Trans. % 透过 率	Reflec. % 反射 率		Reflec. % 反射 率	Absorb. % 吸收 率	Direct Heat Trans. % 直接透过 率	Total Heat Trans. % 总透过率		Winter Nighttime W/m²K 冬 夜	Summer Daytime W/m²K 夏 日	
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

Difference Between Normal Clear Float Glass and Ultra Clear Float Glass



Float Glass Production Plant



### Float Glass Safety Loading

