

China 6mm Ford Blue Float Glass Producer

Glass description

6mm Light blue tinted float glass also name 6mm heat absorbing glass, produced similarly to the normal [6mm clear float glass](#), which is made by adding metal oxides during float glass production. The most common colors are blue, bronze, green and grey . Apart from its function in an aesthetic sense, tinted float glass is primarily designed to reduce solar heat gain, UV and glare inside a building.

Ford blue tinted float glass achieves its performance by absorbing solar energy and so is sometimes referred to as heat absorbing glass. This heat absorbing quality means the glass is thermally stressed so some thicker or darker products may need to be toughened to avoid thermal stress breakage.

Light blue tinted float glass can be processed into heat strengthened, tempered, laminated, [curved glass](#) and [Insulating Glass](#) Units,etc.

6mm Light blue tinted Glass Benefits:

Energy saving through good heat absorption which reduce the transmission of solar heat radiation

High value creation by color variety of building's exterior appearance

Substrate for each level of glass processing

Specification of the tinted float glass :

colour Selection:

Ford blue/Light blue,dark blue

Euro grey/ light grey, Dark grey

Euro bronze/ light bronze, dark bronze, golden bronze

French green/ Light green, Dark green

Glass thickness:

4mm,5mm,6mm,8mm, 10mm

Glass size:

2140x1650mm, 2140x3300mm, 1830*2440mm, 2140*3660mm

Ford blue tinted Glass application:

External use of windows, doors, shopfronts in office,shops, house,etc

Interior glass screens, partitions,railing/ balustrades,etc

Shop display windows, showcase, display shelves,etc

Furniture, table tops,etc

Light blue tinted float glass performance data sheet:

Tinted Float Glass Performance Data

Color	Thickness	Visible Light Transmittance	Visible Light Reflectance	UV Light Transmittance	Direct Sunlight Transmittance	Direct Sunlight Reflectance	Total Solar Transmittance	Shading Coefficient (SC)	SHGC	K Value (Summer Daytime)	K Value (Winter Night)
Euro Bronze	5mm	51.94%	6.44%	14.52%	51.78%	6.69%	62.50%	0.70	0.84	5.640	5.272
	6mm	47.15%	6.73%	11.83%	46.87%	6.79%	56.83%	0.66	0.83	5.606	5.243
Euro Grey	5mm	51.66%	6.36%	20.29%	49.19%	6.43%	60.63%	0.68	0.84	5.623	5.272
	6mm	45.24%	6.06%	16.47%	42.98%	6.15%	56.11%	0.63	0.84	5.582	5.243
Dark Grey	5mm	47.90%	6.77%	19.87%	46.96%	6.75%	58.91%	0.66	0.84	5.606	5.272
	6mm	41.96%	6.59%	16.54%	41.37%	6.53%	54.82%	0.62	0.83	5.569	5.243
Light Blue	5mm	71.07%	7.78%	26.60%	53.99%	6.94%	64.07%	0.72	0.654	5.272	5.843
	6mm	67.74%	7.69%	24.13%	50.67%	6.96%	61.61%	0.69	0.632	5.243	5.808
F-Green	5mm	74.60%	8.03%	24.54%	48.75%	6.67%	60.26%	0.68	0.619	5.272	5.843
	6mm	71.36%	7.66%	20.22%	43.72%	6.35%	56.60%	0.64	0.586	5.243	5.808

For reference only

6mm Light blue float glass for windows:



6mm Ford blue [tempered glass](#) use for [table tops](#):



High quality 6mm blue glass shelves:



6mm Ford blue safety glass door:

