

## SGG Ford blue reflective glass 6mm - Energy saving glass

**Online reflective glass** On-line Reflective glass is produced by using CVD technology (chemical vapor deposition) that creates a perfect uniform layer of metal oxide chemically bonded to the surface of the glass. The coating impacts a “mirror-like” facade to the reflective glass, giving it visual appeal while providing functional benefits like solar control and glare reduction. As this hard chemical layer is fully bonded to the glass, the glass can be cut, bent, tempered, heat strengthened and laminated without affecting the coating.

### SGG reflective glass technique data

Item	Thickness	Visible Light Transmittance	Visible Light Reflectance	UV Light Transmittance	Direct Sunlight Transmittance	Direct Sunlight Reflectance	Total Solar Transmittance	Shdowing Coefficient (SC)	RHG	K Value (Summer Daytime)	K Value (Winter Night)
Euro Bronze	5 mm	25.78%	16.60%	2.73%	35.79%	14.70%	47.73%	0.54	0.505	5.272	5.843
	6 mm	20.45%	16.32%	2.03%	29.70%	14.85%	43.08%	0.48	0.463	5.243	5.808
Euro Grey	5 mm	24.96%	15.82%	3.85%	32.98%	14.02%	45.76%	0.51	0.488	5.272	5.843
	6 mm	21.26%	15.36%	3.05%	28.01%	13.37%	42.15%	0.47	0.457	5.243	5.808
Dark Grey	5 mm	24.93%	17.13%	4.68%	32.67%	15.22%	45.24%	0.51	0.482	5.272	5.843
	6 mm	20.82%	14.09%	3.50%	27.39%	12.71%	41.83%	0.47	0.455	5.243	5.808
Light Blue	5 mm	28.47%	31.89%	4.39%	30.29%	22.01%	41.80%	0.47	0.445	5.256	5.824
	6 mm	25.33%	31.63%	3.54%	26.14%	21.17%	38.85%	0.44	0.419	5.243	5.808
Dark Blue	5 mm	23.35%	13.46%	12.07%	43.49%	18.44%	52.68%	0.59	0.546	5.272	5.843
	6 mm	18.79%	11.79%	10.23%	38.68%	17.19%	49.32%	0.55	0.517	5.243	5.808
French Green	5 mm	28.40%	35.11%	3.13%	24.11%	19.91%	37.61%	0.42	0.409	5.272	5.843
	6 mm	26.43%	34.12%	2.76%	20.76%	18.66%	35.37%	0.40	0.390	5.243	5.808
Dark Green	5 mm	27.31%	26.52%	4.36%	28.14%	16.63%	41.46%	0.47	0.446	5.272	5.843
	6 mm	25.40%	24.35%	4.06%	26.15%	15.15%	40.30%	0.45	0.438	5.243	5.808
Silver White	5 mm	50.58%	34.10%	13.87%	58.00%	25.85%	61.89%	0.70	0.625	5.272	5.843
	6 mm	42.75%	38.11%	9.47%	52.31%	28.29%	56.99%	0.64	0.578	5.243	5.808

### The difference between online reflective glass and offline reflective glass

Online reflective glass(Hard coating): the metal oxide are directly apply to the glass while the float glass in producing and the glass still hot in the lehr.That is what we called hard coating.The online reflective glass cut and use directly as glass window.

Offline reflective glass(soft coating ):During this process,one or more coats of metal oxide under a vacuum

situation to finish reflective glass.by this technique you can choose more colors and thickness.the offline reflective glass always process as laminated glass or insulated glass,used as glass curtain wall or glass facade.

### **Features:**

- 1.reflective glass create a mirror effect .
- 2.Excellent effect in solar control.so it can reduce the interior energy consume of air condition.
- 3.Reflective glass can transmits and reflect visible light and create a comfortable environment.
- 4.Reflective glass available for tempering and laminating
- 5.Durable and scratch resistance

### **Applications:**

- 1.Reflective glass suitable double glazing for curtain wall
- 2.Windows for buildings
- 3.Glass balcony

### **Products Pictures:**



**Production Line:**



**Package and loading:**







**Our promise is that you receiving 6mm dark green tinted float glass from us with high quality and safety conditions from us.**