

Tinted / Body-Coloured Glass

Metal oxide colorants throughout the glass thickness

Overview

The colour in tinted glass runs through the entire thickness — not a surface coating. Tinted glass absorbs solar energy, reducing heat gain, light transmission and glare. Darker tints and thicker panes absorb more energy. Because the colour runs through the full thickness, the tint reads the same from both sides.

Colour Options & Performance (6mm)

Colour	Tint Agent	Light Trans.	g-value	UV Block
Bronze	Iron + Selenium	50%	0.55	70%
Grey	Cobalt + Selenium	43%	0.52	62%
Green	Iron Oxide	65%	0.52	55%
Blue	Cobalt	55%	0.55	60%

Thermal Stress Warning

Tinted glass absorbs significantly more solar energy. Partial shading can cause thermal stress fracture. Toughening is strongly recommended for panes larger than 1.0 m², partially shaded locations, south/west orientations, and dark tints (bronze, grey).

Body-Tint vs Coated Glass

Tinted (body-coloured) glass gets its colour from metal oxides mixed into the melt — the whole pane absorbs solar energy evenly, and the tint cannot wear, scratch off or delaminate. Solar control glass instead uses a thin metallic or metal-oxide coating on one surface, which rejects heat more efficiently for a given amount of light lost. Tint is chosen primarily for its look; a coating is chosen primarily for its performance.

How to Order

Contact our sales team: 020 8574 9342 | 07305 993794 | sales@csultd.co.uk | csultd.co.uk — quotes returned within 2 business hours (Mon-Fri, 8am-5pm).