

Mirror Glass

Silver, low-iron, grey, bronze, antique and safety-backed mirrors

Overview

Mirror glass is made by depositing a thin layer of silver onto the rear surface of float glass, then backing it with a copper layer to protect the silver from oxidation and a paint coating to protect the copper from moisture and knocks. Because silvering is applied after the glass is formed, toughening must always happen first — heat-treating a finished mirror would damage the backing, so any mirror needing safety glass must be specified as toughened-then-silvered from the outset.

Mirror Types

Type	Base	Reflectivity	Application
Silver Float	Standard float	92-95%	Standard mirrors
Low-Iron Silver	Optiwhite/Diamant	95%+	True colour — bathrooms, retail
Grey Mirror	Parsol Grey	85-88%	Contemporary, feature walls
Bronze Mirror	Parsol Bronze	85-88%	Warm, traditional
Safety Backed	Any + vinyl film	As base	Public areas, gyms, schools

Specifications

Property	Specification
Edge finishes	Seamed, polished, pencil-rounded, bevelled (10/15/25mm)
Max size	3210 x 2000mm (4mm) 3210 x 1500mm (6mm)
Toughening	Must specify BEFORE silvering
Safety backing	Vinyl film — holds fragments. Mandatory for public areas.

Safety Backing: Vinyl Film vs Toughened

Two routes satisfy safety requirements for mirrors in wardrobes, gyms, schools and other public-facing locations. A vinyl safety-backing film applied to the rear of standard silvered glass holds the pieces together if the mirror breaks, similar to laminated glass — a cost-effective, retrofit-friendly option. Toughened mirror breaks into small blunt fragments rather than large shards, giving a higher level of impact resistance. Vinyl-backed mirror is the more common specification for wardrobe doors and splashbacks; toughened mirror suits larger panels or higher-risk public areas.

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).