



Safety Clear - 100 Micron

Safety Clear 100 micron window film enhances security by reinforcing glass against breakage, reducing the risk of injury from shattered glass. It provides 99% UV protection, blocking harmful rays that cause fading, and improved comfort. This durable film also increases safety while maintaining clear visibility. It's a good solution for both residential and commercial properties, improving safety, energy efficiency, and overall protection. This film has **passed the BS EN 12600** requirements so you can use it to upgrade your glazing to meet these standards. Made for internal use. **This is a printable film that can also be used for graffiti prevention.**

Technical Performance Data

Calculated on 3mm glass

Natural Light & Glare

VLT (Visible Light Transmission)	88%
Visible Light Reflectance (internal)	10%
Glare Reduction	11%

Solar Energy

Transmittance	79%
Reflectance	15%
Absorption	5%
Total Solar Energy Rejected (TSER)	19%

Thermal Energy

Shading Coefficient	0.9
Solar Heat Gain Coefficient	0.8
U-Value - (W/m ² K)	5.8
R-Value - (m ² K/W)	0.17

Ultraviolet & Infrared

UV Rejection	99%
IR Rejection	11%
Anti Fade Rating (0-100)	55

Manufactured Specifications

Thickness	120 µm
Structure	1 Ply
Composition	PET
Warranty	10 Years
Colour	Clear
Stock Code	SFCL100

For Reference Only: Technical specifications can differ between batches, Dura Vista retains the right to update this information at any time without notice.

After installation allow 30 – 60 days to cure. Never try to remove bubbles during the curing process. After curing you may clean the windows with soapy water and non-abrasive cloths or sponges and paper towels. Do not attempt to clean the film with chemicals containing ammonia or abrasives.

Installation Guidelines

Vertical Installation on standard glass surface

Single Pane Glass

Clear Single Pane	✓
Tinted Single Pane	✓
Reflective Tinted Single Pane	✓
Thermally Toughened Safety Glass (EN 12150)	✓

Double Pane / Double Glazing

Clear Double Pane	✓
Tinted Double Pane	✓
Reflective Tinted Double Pane	✓
Gas-Filled Double Pane (Low-E)	✓
External: SATDIP / PVB / Lam. Safety Glass	✓
Internal: SATDIP / PVB / Lam. Safety Glass	✓
Thermally Toughened Safety Glass (EN 12150)	✓

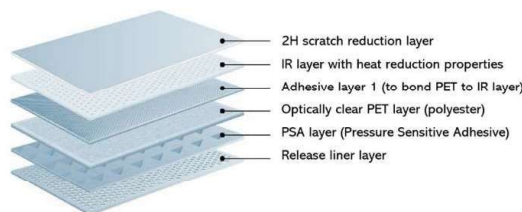
Safety Guideline Symbols

Safety Guideline Symbols	Symbol
Safe to install	✓
Unsafe to install	X
Caution, will cause thermal stress	!

Safety Performance

Break Strength M.D. (kg/cm)	22.3
Tensile Strength M.D. (kg/cm ²)	1940
Peel Strength (gr/inch)	>1800
BS EN 12 600 Test pass (2B2)	✓
REACH & RoHS Respected	✓
Flamability Test Pass ISO 3795	✓

Guidelines provided are based on a single glass surface up to 2.5 m² with no single length or width greater than 2 meters.



Distributed by: **Dura Vista LTD**

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