



## UV Clear - 50 Micron

**UV Clear 50 micron** window film blocks up to 99% of harmful UV rays, building interiors, valuable merchandise and your skin. This film reduces infrared heat and glare slightly, improving comfort and energy efficiency. It allows the natural light into the building without altering appearance and adds safety by preventing glass shattering. Easy to install, low-maintenance, and cost-effective, it's a smart solution for UV protection, energy savings, and preserving your environment. Made for internal use. **This is a printable film that can also be used for graffiti prevention.**

### Technical Performance Data

Calculated on 3mm single pane glass

#### Natural Light & Glare

VLT (Visible Light Transmission)	88%
Visible Light Reflectance (internal)	13%
Glare Reduction	11%

#### Solar Energy

Transmittance	74%
Reflectance	12%
Absorption	13%
Total Solar Energy Rejected (TSER)	22%

#### Thermal Energy

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

#### Ultraviolet & Infrared

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

#### Manufactured Specifications

Thickness	60 µm
Structure	1 Ply
Composition	PET
Warranty	10 Years
Colour	Clear
Stock Code	CL50

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

### Product Care & Maintenance:

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)	✓

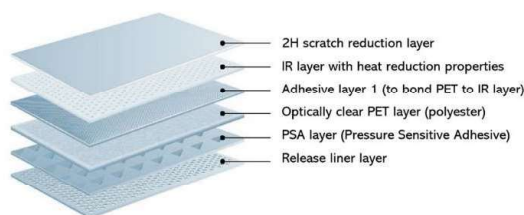
#### Safety Guideline Symbols

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

#### Safety Performance

Break Strength M.D. (kg/cm)	8.43
Tensile Strength M.D. (kg/cm <sup>2</sup> )	1620
Peel Strength (gr/inch)	>1800
REACH & RoHS Respected	✓
Flamability Test Pass ISO 3795	✓

Guidelines provided are based on a single glass surface up



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