



Auto & Architectural

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%
TSER (Total Solar Energy Rejected)	22%

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	60 µm
Structure	1 Ply
Composition	PET
Warranty	5 Years
Colour	Clear
Stock Code	REACL

Installation Guidelines

Vertical Installation on standard glass surface

Single Pane Glazing	
Clear Standard Glass	✓
Thermally Toughened Safety Glass	✓
PVB / Laminated Glass with correct spacing	✓
Glass Panes Exceeding 2 SQM	✓
Low-E Glass	✓
Glass with poor quality edging and spacing	X

Double Pane / Double Glazing	
Clear Double Pane	✓
Tinted Double Pane	✓
Gas-Filled Double Pane (Low-E)	✓
Glass Panes Exceeding 2 SQM	✓
PVB / Laminated Glass with correct spacing	✓
Thermally Toughened Safety Glass	✓
Glass with poor quality edging and spacing	X

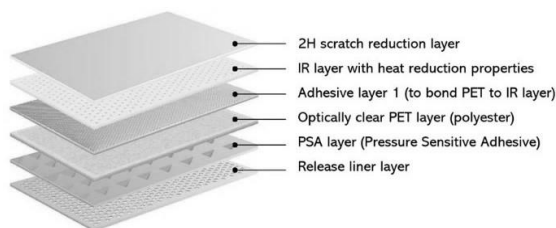
Safety Guideline	Symbols	Symbol
Safe to install		✓
Unsafe to install		X
Caution, will cause thermal stress		!

Safety Performance	
Break Strength M.D. (kg/cm)	8.43
Tensile Strength M.D. (kg/cm ²)	1620
Peel Strength (gr/inch)	>1800

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

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.



Distributed by: **Tint Zone**

Anthony - 066 224 3772

info@tintzone.co.za | tintzone.co.za