

DD 12CL PS

CLEAR 300μ (12Mil) SAFETY FILM

Film Construction

Ply	3
Mil Thickness	12 (300micron)
Colour:	CLEAR

Testing & Certifications

ISO 16933 Blast Mitigation (Open Arena Tested)	Pass
BS EN 12600 (4 & 6mm Float Glass)	Class 1B1
BS 6206 (4 & 6mm Float Glass)	Class A
BS EN 356:2000 (6mm Float / 6.4mm Lam)	Class P2A/P3A
ANSI Z97.1 (4 & 6mm Float Glass)	Class A

Mechanical Properties

Elongation at Break	> 150%
Break Load (width) MD	> 68 kg/cm
Peel Strength (After Curing) MD	> 3.25kg/inch
Tensile Strength at Break (MD/TD)	> 2000 kg/cm ²

Performance Specification

Solar Energy Transmitted	80%
Solar Energy Absorbed	11%
Solar Energy Reflected	9%

Visible Light Transmission	88%
Visible Light Reflected - Interior	8%
Visible Light Reflected - Exterior	11%

Ultraviolet Rejected	99%
Shading Coefficient	.90
Solar Heat Coefficient	.80

Glare Reduction	6%
Solar Heat Gain Rejection	4%
Total Solar Energy Rejected	16%



Product Code:

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A patented superior scratch resistant coating is featured on all Solartek Protective Window Films

Key Features

Anti-Shatter / Blast Mitigation
Protects Against Deliberate Attack
Glass Fragmentation Containment
Increases Glazing Security
Increases Glazing Safety
Upgrades Sub-Standard Glazing
Meets HSE Legislation for Safety Glazing
Protects Against Fading – Blocks UV Rays

Clear Safety Film

Specially designed films help make glass safer. Choose from a variety of thicknesses to meet your needs and your budget.

Help Protect Your Most Valuable Possessions

For added protection against accidents and intrusions, choose Solartek Protective Safety & Security Window Films. Available in clear or with added solar control features – there's a Solartek Protective Film that's right for your business or home. Helps strengthen glass and reduces the risk of flying shards in case of impact. These products are constructed from the highest optical grade polyester available in the industry. Solartek Safety Films are available in thickness ranging from 100micron (4mil) to 450micron (18mil).

Applications

Suitable for application to windows, partition glazing, glazed exteriors, structural glazing, curtain walling, roof-lights and atrium glazing to effectively and economically increase glazing safety in the event of failure.

Product Warranty

Warranty is subject to window films applied to glass when fitted by an authorised installer in accordance with the manufacturer's recommendations.

Performance results are subject to variation within industry standards and are only intended for estimating purposes.

Data is representative of actual window film product production. Values are as applied to clear float glass as determined by the manufacturers and independent testing laboratories.

Solartek Films Ltd

M25 Business Centre, 121 Brooker Road, Waltham Abbey, Essex EN9 1JH
Tel: 08000 15 18 15 Fax: 01920 464488 Email: enquiries@solartekfilms.com

PROTECTIVE WINDOW FILMS EDGE RETENTION SYSTEMS

Choice, quality & reliability from the people with extensive product and specialist industry knowledge - Safety & security films, solar energy control films, visible glare reduction films, privacy films, visual & decorative window films - Specialist anchoring attachment edge retention systems