

# SUREGUARD LEVEL 1 SAFETY FILM EXTERNAL

100 Micron Safety Film



A single ply safety film designed to upgrade existing glass to the requirements of BS6206 and Regulation 14 of the Workplace (Health, Safety & Welfare) Regulations 1992.

## BENEFITS

- Improves Glass Safety
- Protects Against Injury
- Reduces Clear Up Time
- Protects Against Flying Glass
- Improves Building Security
- Limits Fading of Furnishings

## PERFORMANCE DATA

Total Solar Energy Rejection	18%
Solar Heat Gain Reduction	4%
Visible Glare Reduction	1%
Shading Co-efficient	.95
Visible Light Transmission	89%
Visible Light Reflection	10%
Ultra Violet Transmission	>99
Total Solar Absorption	14%
Total Solar Reflection	8%
Total Solar Transmission	78%
U' Factor	1.04
Film Construction & Thickness	100 micron
Film Colour	clear

## CERTIFICATIONS & PERFORMANCE

BS6206 Classification	BS6206 Class B
BSEN Classification	BS EN12600 Class 2B
ANSI Classification	ANSI Z97.1 Class B
Peel Strength after one week	Above 3.275 (kg/inch)
Tensile Strength at Break (MD/TD)	Above 1900 (kg/cm2)
Elongation at Break MD	>150%

## FILM / GLASS COMPATIBILITY GUIDELINES

Glass Type	Clear S/G	Clear D/G	Tinted S/G	Tinted D/G
Float /Annealed	Yes	Yes	Yes	Yes
Toughened	Yes	Yes	Yes	Yes
Laminated	Yes	Yes	Yes	Yes
Georgian Wired	Yes	Yes	Yes	Yes

## SUREGUARD WINDOW FILMS

Sureguard House  
3 Genesis Park  
Sheffield Road  
Rotherham  
S60 1DX

Tel: +44 (0) 1709 838155

Fax: +44 (0) 1709 838779

[enquiries@sureguard.co.uk](mailto:enquiries@sureguard.co.uk)

[www.sureguard.co.uk](http://www.sureguard.co.uk)

All values are as applied to 6mm clear glass and as determined by the manufacturers and independent testing laboratories.