

SUREGUARD STERLING 20/100

Safety Rated Silver Reflective Solar Control Film.

Heat and Glare Control Film providing maximum performance levels where severe discomfort is experienced. Also upgrades existing glass to a minimum of BS6206 Class B.



BENEFITS

- Improves Glass Safety
- Protects Against Injury
- Reduces Clear Up Time
- Protects Against Flying Glass
- Improves Building Security
- Limits Fading of Furnishings
- Reduces Glare
- Reduces Heat Increase
- Reduces Air Conditioning Costs
- Improves Working Environments
- Provides One Way Vision Performance
- Limits Fading of Furnishings

PERFORMANCE DATA

Total Solar Energy Rejection	73%
Solar Heat Gain Reduction	69%
Visible Glare Reduction	73%
Shading Co-efficient	0.31
Visible Light Transmission	24%
Visible Light Reflection	53%
Ultra Violet Transmission	< 1%
Total Solar Absorption	34%
Total Solar Reflection	48%
Total Solar Transmission	18%
U' Factor	0.98
Emmissivity	0.65
Film Construction & Thickness	3 Ply 100 micron
Film Colour	Dark Silver

CERTIFICATIONS & PERFORMANCE

BS6206 Classification	BS6206 Class A/6mm & B/4mm
BSEN Classification	BS EN12600 Class 1B/6mm & 2B/4mm
ANSI Classification	ANSI Z97.1 Class A/6mm & B/4mm
Peel Strength after one week	Above 3.25 (kg/inch)
Tensile Strength at Break (MD/TD)	Above 1975 (kg/cm2)
Elongation at Break MD	>165%

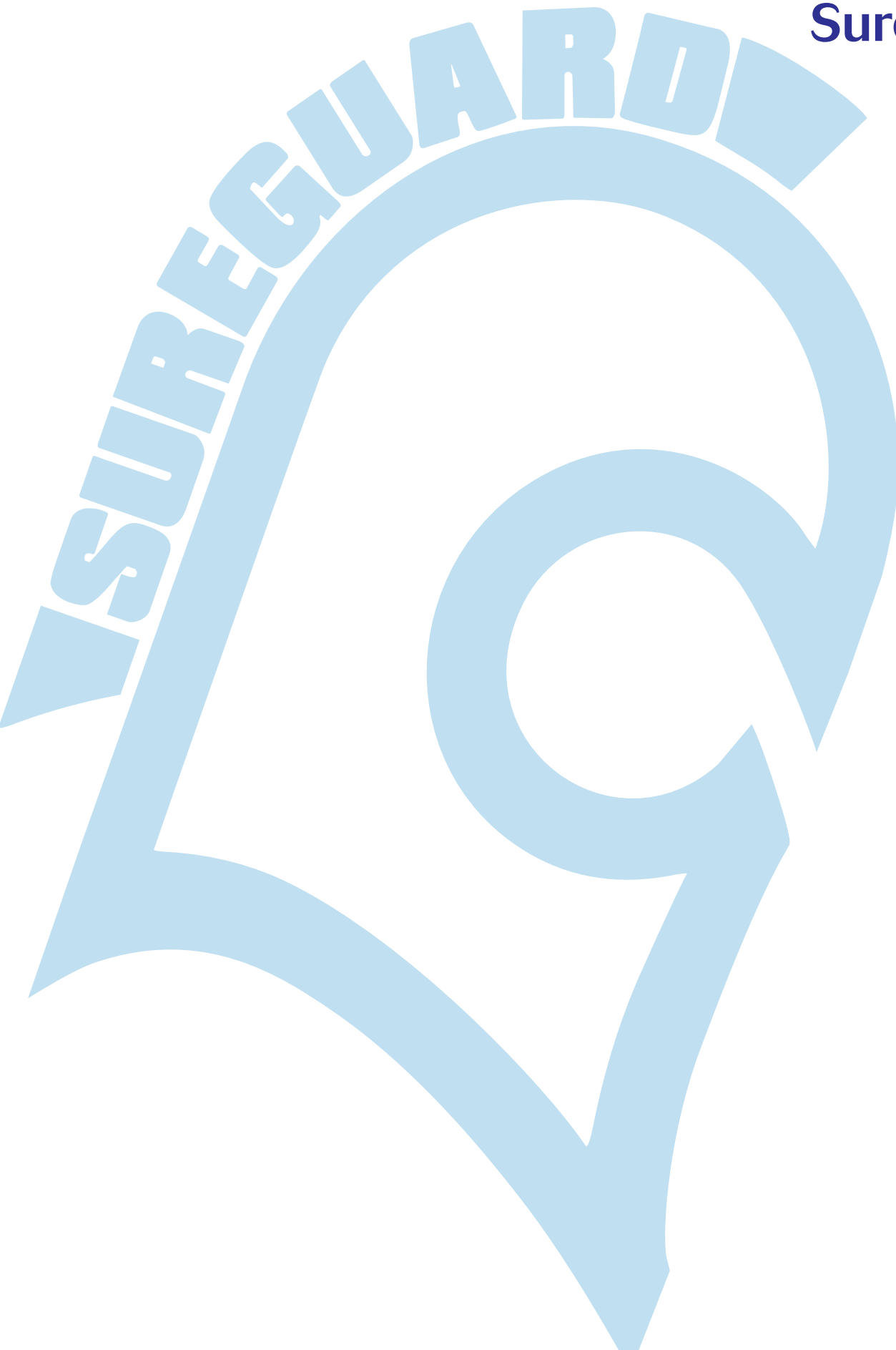
FILM / GLASS COMPATIBILITY GUIDELINES

Glass Type	Clear S/G	Clear D/G	Tinted S/G	Tinted D/G
Float /Annealed	Yes	Yes	No	No
Toughened	Yes	Yes	Yes	Yes
Laminated	Yes	No	No	No
Georgian Wired	No	No	No	No

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



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