

Solar Energy Reduction Film 20

Biggest selling solar energy reduction film with excellent heat and glare rejection. Gives a building a modern, mirrored finish.

The solar energy reduction films installed by Able Install offer maximum heat rejection for internally applied films, and are of particular use in combating severe solar heat gains and glare problems.

Solar energy reduction films can also provide additional benefits such as daytime one-way privacy, uniform outside appearance, winter heating savings, and as with most Able Install films, can stop up to 99% of ultraviolet light (UV).

These films help to reduce cooling costs and therefore also energy costs by lightening the load on air conditioning equipment. Government and business organisations can use Able Install solar energy reduction window

films as an integral part of seeking to comply with the Carbon Reduction Commitment scheme and The Carbon Trust policies.

They also help to alleviate the discomfort caused by excessive heat and by glaring reflections off computer screens, assisting in compliance with the Workplace (Health, Safety and Welfare) Regulations.

The films can be applied both internally or externally and, in daytime, lend the glass a silver reflective outside appearance, whilst from the inside, the visual effect, much less noticeable, is a light tint. At night the effect is reversed.

Features	Benefits
Excellent solar heat and glare rejection	Alleviate the discomfort caused by excessive heat and glare
Cuts energy use for cooling	Reducing energy tax liability and contributes to a reduced carbon footprint
Reflective daytime appearance	Increased daytime privacy from outside looking in
Quick, retro-fit installation	Can be used where costly and disruptive large-scale replacement of existing glazing is not a viable option
Scratch-resistant	Suitable for most non-abrasive window-cleaning methods
Screening of harmful UV rays	Reduced fading of interior furnishings



Performance Data	
Total Solar Energy Rejected	77%
Solar Energy Reflected	52%
Solar Energy Absorbed	34%
Solar Energy Transmitted	14%
Visible Light Transmitted	17%
Visible Light Reflected	55%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.27
Solar Heat Gain Coeff. (g Value)	0.23
Emissivity	0.67
Glare Reduction	81%

Performance Guide	
Solar Heat Rejection	★★★★★
Glare Reduction	★★★★★
UV Reduction	★★★★★
Fade Reduction	★★★★★
Safety & Security	☆☆☆☆☆
One-Way Privacy	★★★★☆
Two-Way Privacy	☆☆☆☆☆
Scratch Coating	Yes
Warranty Period	10 Years

Key: Excellent ★★★★★ Some Benefit ☆☆☆☆☆ N/A ☆☆☆☆☆
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