



Bronze Solar Energy Reduction Film

Very good heat reduction and an ideal choice for performance with good light transmission.

The bronze 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.

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

These films help to reduce cooling costs and therefore reduce energy costs by lightening the load on air conditioning equipment. Government and business organisations can use Able Install solar control 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 bronze 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 Cuts energy use for cooling	Alleviate the discomfort caused by excessive heat and glare Reducing energy tax liability and contributes to a reduced carbon footprint
Reflective daytime appearance Quick, retro-fit installation	Increased daytime privacy from outside looking in Can be used where costly and disruptive large-scale replacement of existing glazing is not a viable option
Scratch-resistant Screening of harmful UV rays	Suitable for most non-abrasive window-cleaning methods Reduced fading of interior furnishings



Performance Data	
Total Solar Energy Rejected	77%
Solar Energy Reflected	45%
Solar Energy Absorbed	42%
Solar Energy Transmitted	13%
Visible Light Transmitted	20%
Visible Light Reflected	36%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.27
Solar Heat Gain Coeff. (g Value)	0.23
Emissivity	0.65
Glare Reduction	77%

Performance Guide	
Solar Heat Rejection	★★★★★
Glare Reduction	★★★★☆
UV Reduction	★★★★★
Fade Reduction	★★★★★
Safety & Security	☆☆☆☆☆
One-Way Privacy	★★★★☆
Two-Way Privacy	☆☆☆☆☆
Scratch Coating	Yes
Warranty Period	12 Years

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