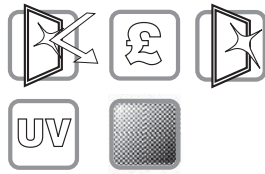


Reflective Solar Control Films

Heat and glare control for comfort and efficiency



- Excellent solar heat rejection
- High glare control for VDU users
- Cuts energy use for cooling, reducing energy tax liability
- Reduces load on air-conditioning
- Reduce 'greenhouse gas' emissions
- Reduced solar gain aids compliance with Building Regulations Document L2
- Provides daytime privacy



Reflective Solar Control Films

Heat and glare control for comfort and efficiency

Description

Madico Reflecto-Shield® and Sunscape® reflective solar control films offer maximum heat rejection for internally applied films, and are of particular use in combating severe solar heat gain and glare problems.

Reflecto-Shield® and Sunscape® films can also provide additional benefits such as **daytime privacy, uniform outside appearance and winter heating savings**, and as with all Madico films, 99% ultraviolet light (UV) filtering. (For specialist UV filtering in museums etc, see UV Control Film).



An application of silver film transforms the appearance of a 1960's office block.

The Climate Change Levy

Reflective films help to cut energy consumption of air-conditioning, making savings for companies in both direct energy costs and the Climate Change Levy.

This tax on commercial energy use, intended to promote energy efficiency and help reduce 'greenhouse gas' emissions, is particularly demanding on electricity usage.

The less electricity a company uses, the less CCL tax it has to pay (above a low minimum level), giving yet another incentive to make energy savings.

Performance

Heat and light

These films help to **reduce cooling costs** and therefore CCL liability by lightening the load on air conditioning equipment.

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

Appearance

These films are applied internally and, in daytime, lend the glass a silver or coloured reflective outside appearance, whilst from the inside, the visual effect, much less noticeable, is a light tint.



Reflective Solar Control Films

Heat and glare control for comfort and efficiency



Performance

Solar Performance Characteristics

Film code	Colour	Solar heat rejected	Solar glare reduction	Visible light transmitted (at 550 nm)	Solar energy reflected	Solar energy absorbed	Shading coefficient	Mirror index
Madico Reflecto-Shield [®] and Sunscape [®] – excellent solar heat and glare reduction, mirrored finish giving daytime privacy depending on light levels.								
SRS220XSR E	silver	77%	82%	16%	51%	36%	0.26	3.6
SRS330XSR E	medium silver	73%	72%	25%	46%	36%	0.32	1.8
RS440XSR	light silver	66%	59%	36%	40%	36%	0.38	1.3
RB320XSR	bronze	69%	82%	16%	29%	53%	0.35	0.9
RG321XSR	grey	71%	81%	17%	24%	62%	0.34	1.1

Films marked E are also available in exterior versions.
The table above gives the manufacturer's product data for film as applied to 6mm clear glass. Accurate selection of window films requires specialist knowledge, and it is recommended that specifiers contact the company at the specification stage. It is the user's responsibility to ensure that the product is suitable for the intended use.

Specification

Sample specification clause for SRS220XSR

The window film is to be Madico **Reflecto-Shield** film, code **SRS220XSR**. The film is to incorporate a scratch-resistant coating and an acrylic pressure-sensitive adhesive containing ultra-violet inhibitors. The film is to be installed to the interior surface of the glass, and the unique factory roll numbers used are to be registered in accordance with the manufacturer's warranty procedure.

When specifying another film from this range, please change the highlighted words as appropriate.