



CoolKote™

Your
conservatory
is a very
effective

heat trap..!

Despite spending many thousands of pounds on a beautiful new conservatory, it is a sad fact that many suffer from intolerable heat and glare problems during the summer making them virtually unusable for many months. Temperatures well in excess of 100°F are often recorded and excessive glare makes an everyday pleasure such as reading the newspaper impossible.



What solutions are there?

Standard Blinds

Fabric, pleated and slatted blinds offer low performance as the material can only absorb and then re-radiate the heat. Many users complain of maintenance and cleaning issues.

Reflective Blinds

Blinds with a reflective backing offer higher performance but are more expensive, and still absorb and re-radiate the heat.

All types of blinds require high maintenance in cleaning and adjustment costs.

Solar Control Polyester Film

Although very effective, these films are unsuitable for polycarbonate roofs. CoolKote™'s range of Solar films can be applied to polycarbonate and most plastic roofs and side panels.

Air Conditioning

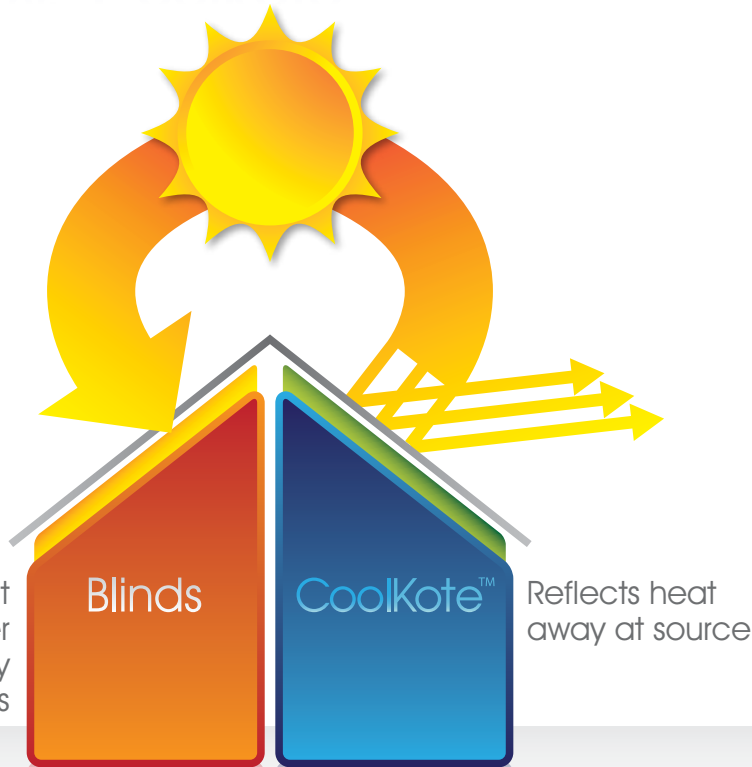
During the hot summer months, AC units can be effective at reducing internal temperatures but are expensive to purchase and to run, hurting your wallet and the environment.



CoolKote™

CoolKote™ is a high-performance metallized coating, which when applied to polycarbonate or glass roofs prevents heat building up simply by reflecting the sun's heat away before it can be transmitted inside. Glare is also significantly reduced, enabling reading, watching TV, working- or just relaxing!

Blinds vs. CoolKote™



Roller and pleated roof blinds provide shade, but can attract dust and insects, and are difficult to clean, whilst the heat still penetrates the fabric, which then filters through to the interior.



CoolKote™ is maintenance and trouble free



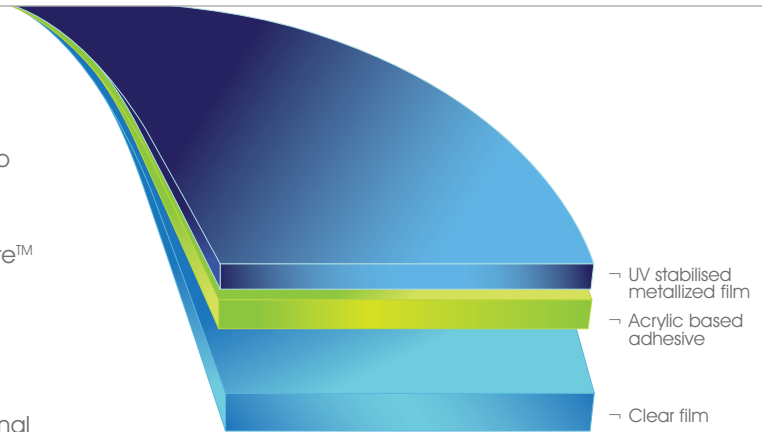


What is CoolKote™ ?

CoolKote™ is a patented, solar control film applied to polycarbonate and glass roof systems. Its metallized surface gives a dramatic reduction of the incoming solar heat by continuously reflecting it away. CoolKote™ not only reduces unwanted heat and glare, but cuts out over 99% of harmful UV rays.

You will benefit from an immediate reduction in internal daytime temperatures and less glare, whilst an ultra-violet barrier helps prevent fading and sun damage to furnishings. CoolKote™ is inexpensive, effective and is applied quickly, cleanly and with the minimum of disruption to your existing polycarbonate or glass roof by members of an approved national network of highly trained professional installers.

CoolKote™ reduces heat build-up in conservatories and industrial premises



- For use on polycarbonate and glass
- Ultra-violet barrier helps prevent fading and sun damage to furnishings
- Reduces glare to add even more comfort
- Unique high-performance metallized coating for roofs and roof lights
- Less expensive and more effective than blinds
- Clean and quick installation with a minimum of disruption and no maintenance
- Up to 8 years warranty

Why use CoolKote™ ?

CoolKote™ film has been designed and developed especially for application internally or externally to polycarbonate and most plastic roofs. Once applied it requires little or no maintenance and has high solar rejection and glare reduction properties.

CoolKote™ is patented and all installations professionally applied carry an eight year internal and up to three year external manufacturer's warranty against peeling, cracking, demetallization and discolouration.

CoolKote™ is typically, over half the cost of blinds - yet is more effective! See table below for a price comparison example.

Roof Size	10 Sq. Metres	16 Sq. Metres	25 Sq. Metres
Blinds	£800-1500	£1500-2000	£2000-3000
Inserts	£950	£1500	£2400
CoolKote™	£600	£950	£1500

Prices are for illustration purposes only. Please contact us for a personalised quote.



- Cool and comfortable in summer
- Winter insulation
- Pleasing appearance
- No maintenance
- No major reduction of visible light
- Full manufacturer's warranty





Technical data

Description

CoolKote™ is a patented solar control film. Its metallized surface gives a dramatic reduction of the incoming solar heat by continuously reflecting it away.

Applications

Can be applied internally and externally to most polycarbonate and GRP substrates.

Face material

Soft UV stabilised film without cadmium, metallized on the underside of 80 micron thickness.

Adhesive

25 micron fully acrylic based pressure sensitive, UV stabilised, very cohesive and extremely durable.

Backing

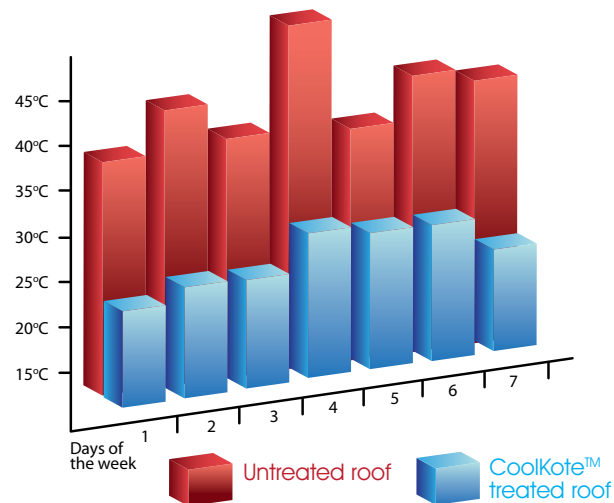
Stable siliconised release liner.

Chemical resistance

Resistant to water and all usual detergents and alcohols.

Solar properties

Colour	Diffused light grey tint when seen from below
Solar heat rejection	Up to 80%
Ultra violet rejection	99%
Glare reduction	76%



Figures are for illustration purposes; atmospheric conditions can vary.

Internal conservatory temperatures recorded at 3pm on 7 consecutive days

Application

If you wish to know more about CoolKote™ film, then a local approved installer will be happy to visit at your convenience, to carry out a no pressure, no obligation survey and demonstration.

After a decision has been made, there is a fast turn-around on bookings.

The Installation of CoolKote™ film is clean, quiet and are typically completed within one day by an accredited installer.

The Film then remains maintenance free and all Installations come with a fully backed manufacturer's warranty.







Questions and answers

How much heat will CoolKote™ stop?

Up to 80% of the heat normally passing through the glazing system.

How does it do this?

CoolKote™ works on the basic principle of reflecting heat away at the source.

Does this mean that my conservatory will be cold in winter?

No. CoolKote™ is normally applied to the roof. The winter sun is much lower and shines in through the sides, allowing sufficient sun to warm your conservatory naturally.

Will CoolKote™ make my conservatory dark?

CoolKote™ adds a pleasant tint to the roof, in much the same style as the tinted polycarbonate now available. The only difference is that CoolKote™ keeps the heat out and is not for appearances only.

How effective are blinds at keeping out heat?

Fabric style roof blinds are inefficient in reducing solar gain as they don't reflect the heat away, just shade. Reflective backed blinds can help but can become brittle and crack within a short period.

Will CoolKote™ reduce fading?

CoolKote™ significantly reduces both infra-red and ultra-violet rays which are the major cause of fading. Your furniture, carpets and curtains will be protected and have a much extended life. On that point alone CoolKote™ could pay for itself.

How long will CoolKote™ last?

CoolKote™ is a long lasting treatment and will give you years of satisfaction. We guarantee CoolKote™ for eight years when applied internally or up to three years when applied externally.

How long will it take to install CoolKote™?

The average conservatory takes no longer than a day.

If you want to know more, a local approved installer will be happy to visit at your convenience, to carry out a no pressure, no obligation survey and demonstration.

