



# HIGH PERFORMANCE WINDOW FILMS

~PROVIDING SECURITY & COMFORT~

## SOLAR CONTROL FILM

SunCool

### Optimised Solar Control for Polycarbonate Roofing

High Performance Window Films' **SunCool** provides **excellent solar heat and glare rejection** while being specially designed for application on **polycarbonate surfaces** such as **conservatory roofs**. This **metallised PVC-based solar control film** is ideal for spaces where **heat and glare issues** are a concern.

With a **satín grey finish**, the film maintains **aesthetic appeal and minimises internal reflection**, offering a **translucent tinted effect** in daylight. Additionally, it provides **UV protection**, helping to **reduce fading of interior furnishings** and improving **comfort levels** in conservatories and similar spaces.

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## FEATURES & BENEFITS




### ◆ Key Features:

- ✓ High-performance **solar heat and glare rejection**
- ✓ Specially designed for **polycarbonate substrates**
  - ✓ More cost-effective than roof blinds
- ✓ Helps reduce energy consumption for cooling
  - ✓ Blocks harmful **UV rays**

### Key Benefits:

- ✓ Alleviates discomfort from **excessive heat and glare**
  - ✓ Designed for installation on **polycarbonate surfaces**
    - ✓ Saves energy and reduces **cooling costs**
  - ✓ Helps protect **furniture from fading** due to UV exposure
    - ✓ Suitable for **most non-abrasive cleaning methods**
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## Where to Use:

-  **Conservatories & Sunrooms** – Control excess heat and glare while maintaining light.
-  **Commercial Polycarbonate Roofing** – Enhance **comfort and energy efficiency**.
-  **Retail Spaces with Polycarbonate Roofs** – Reduce heat buildup and protect products.

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## PERFORMANCE DATA


Property	Value
Solar Energy Transmitted	14%
Solar Energy Reflected	42%
Solar Energy Absorbed	44%
Visible Light Transmitted	10%
Visible Light Reflected (Interior)	25%
Visible Light Reflected (Exterior)	25%
UV Rejection	99%
Glare Reduction	89%
Shading Coefficient	0.25
Solar Heat Gain Coefficient (G-Value)	0.22
U-Value (W/m <sup>2</sup> K)	N/A
Total Solar Energy Rejected	78%
Product Warranty	5 years

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## Installation & Considerations

-  Designed for **interior application** on **polycarbonate surfaces**
-  Must be installed with **consideration for thermal stress** on roofing panels
-  Suitable for **conservatories, retail spaces, and commercial applications**


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 **GET A FREE CONSULTATION TODAY!** Speak with one of our specialists to **find the perfect film for your space.**

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 *Enhance comfort and solar control with High Performance Window Films' **specialist solutions for polycarbonate surfaces!***