



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