



**CLIMATE**

A GLASS FOR ALL SEASONS

THE UK'S NUMBER ONE

FOR CONSERVATORY ROOF GLASS



# CONSERVATORY ROOF GLASS

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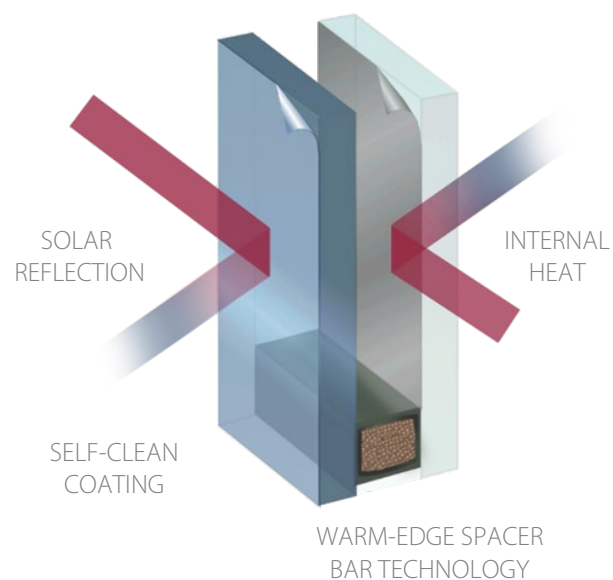
## A "ROOM FOR ALL SEASONS" WITH CLIMATE

When choosing your conservatory, the material you select for your roof can make the difference to all-year-round enjoyment.

Compared to polycarbonate, glass offers a much longer lifespan, with traffic and rainfall noise significantly reduced.

Using the latest technology, which combines solar reflection and thermal insulation, helps to reduce glare and damaging UV rays that can fade furnishings and fabrics. The thermal insulation means your conservatory is warmer in the winter, and energy bills are lower. What's more, Climate glass features a self-cleaning coating so that organic dirt and grime are washed away. By using Climate roof glass, your conservatory can be enjoyed whatever the weather.

Climate Ecoclean is available in five options, **Ecoclean Clear**, **Ecoclean Blue**, **Ecoclean Sunshield Neutral**, **Ecoclean Sunshield Blue**, and **Ecoclean Sunshield Aqua**.







#### CLIMATE ECOCLEAN CLEAR

Ecoclean Clear is the natural choice where exposure to heat is not an issue, offering an advanced self-cleaning coating. Ecoclean Clear is the perfect option for applications where light transmission is paramount.

#### CLIMATE ECOCLEAN BLUE

With its crisp blue finish, Ecoclean Blue is a stylish addition to your conservatory.

This high spec glass reflects up to 67% of the sun's solar energy, so your new conservatory will not become unbearably hot in the summer. Solar glare is reduced, creating a beautiful ambient environment.

A combination of a low emissivity coating and argon gas means Ecoclean Blue gives twice the thermal insulation compared to standard double glazing. This will help reduce energy costs and keep your conservatory warmer in the winter.

The self-cleaning coating incorporates a microscopic film that reacts with daylight and rainwater to break down and wash away organic dirt and grime.

#### CLIMATE ECOCLEAN SUNSHIELD NEUTRAL

"All the benefits of Ecoclean Blue, without the tint."

Ecoclean Sunshield Neutral is a high specification product that combines a multi-coating offering a self-cleaning technology and solar control properties. When manufactured alongside Ecopane Plus, this product will reflect up to 70% of the solar heat entering your home.

Ecoclean Sunshield Neutral combines all the benefits of Ecoclean Blue but with a neutral appearance.

#### CLIMATE ECOCLEAN SUNSHIELD AQUA

Ecoclean Sunshield Aqua has a green tint and deflects up to 81% of the sun's solar energy. Even on summer days, your conservatory can be a pleasant room.

#### CLIMATE ECOCLEAN SUNSHIELD BLUE

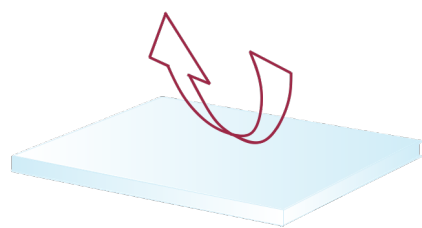
Ecoclean Sunshield Blue is our market-leading product and the ULTIMATE option for your conservatory roof. This high specification product combines a multi-coating, which offers self-cleaning technology and optimum solar control properties. When manufactured along-side Ecopane Plus this product will reflect up to an impressive 82% of solar heat, keeping you cool in the summer and warm in the winter.

HIGH TECHNOLOGY SOLUTIONS FOR TODAY’S CONSERVATORIES

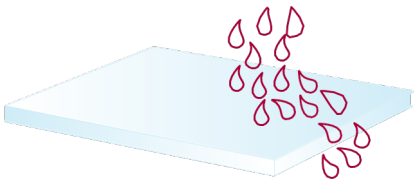
Climate double glazed units are made using toughened safety glass as standard and manufactured to the highest British and European Standards, accredited to BS EN 1279 and BS EN 12150.

In addition to the toughened safety glass, we use argon gas which improves insulation performance. This, coupled with our warm edge spacer bar technology, reduces “cold spots” and condensation, avoiding the formation of unsightly mould while improving thermal insulation.

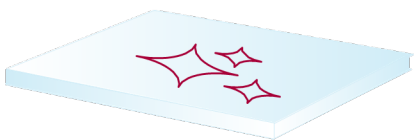
Solar reflection is the amount of heat from the sun that is deflected by the glass. ‘U’ value or thermal insulation is a measurement of heat loss through the double glazing and is calculated as W/m2K. The lower the ‘U’ value, the better the thermal insulation. Light transmission is the percentage of visible light directly transmitted through the glass.



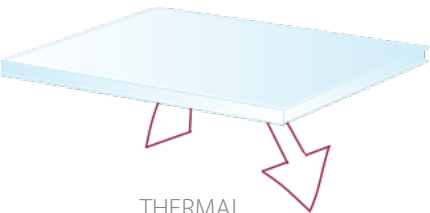
SOLAR REFLECTION



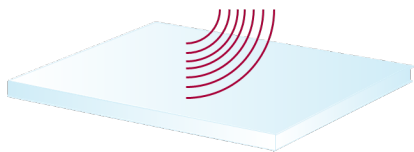
SELF CLEANING



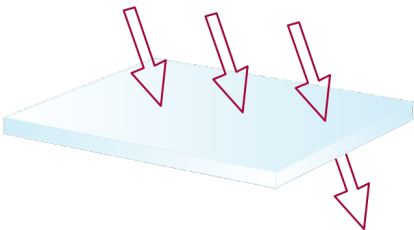
GLARE REDUCTION



THERMAL INSULATION ('U' VALUE%)



SOUND REDUCTION



LIGHT TRANSMISSION

	CLIMATE ECOCLEAN CLEAR		CLIMATE ECOCLEAN BLUE		CLIMATE ECOCLEAN SUNSHIELD NEUTRAL		CLIMATE ECOCLEAN SUNSHIELD BLUE		CLIMATE ECOCLEAN SUNSHIELD AQUA	
	with Ecopane	with Ecopane Plus	with Ecopane	with Ecopane Plus	with Ecopane	with Ecopane Plus	with Ecopane	with Ecopane Plus	with Ecopane	with Ecopane Plus
Solar Reflection	30%	52%	54%	67%	57%	70%	76%	82%	76%	81%
Thermal Insulation ('U' Value)	1.2	1.0	1.2	1.0	1.2	1.0	1.2	1.0	1.2	1.0
Self-Cleaning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Glare Reduction	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓
Light	77%	65%	56%	48%	44%	38%	27%	24%	32%	28%

