



Conservatory
Glazing Solutions



At one with nature



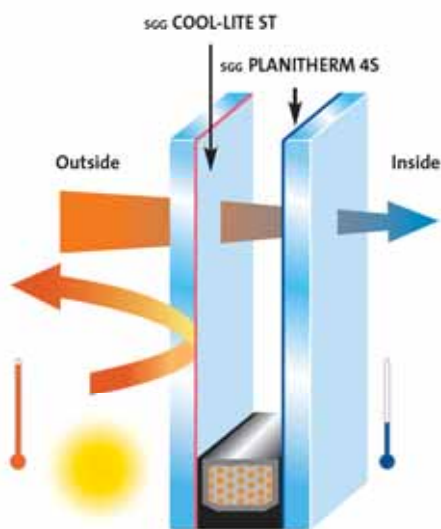
SGG COOL-LITE® ST

High performance solar control glass

SGG COOL-LITE ST solar control glass, keeping interiors cooler.

SGG COOL-LITE is a versatile solar control glass that is ideal for conservatories and roof glazing, helping to prevent heat build up during hot summer months by significantly reducing the amount of heat allowed to pass into your conservatory. Providing you with a more comfortable and useable living space.

Double glazed unit with SGG COOL-LITE ST



As much as 70% of heat is blocked by the solar control coating when combined with our high performance PLANITHERM 4S product.

Advantages

- Blocks up to 70% heat.
- Offers good solar control performance, keeping rooms cool during sunny periods, reducing the need for costly air conditioning or blinds.
- Reduced glare.
- An attractive neutral appearance.
- Multifunctional glazing - can be combined easily with other comfort enhancing products from the conservatory range offering a tailored solution to your individual needs.



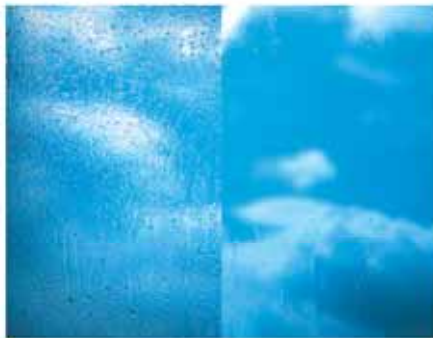


SGG BIOCLEAN®

Dual-action self-cleaning glass

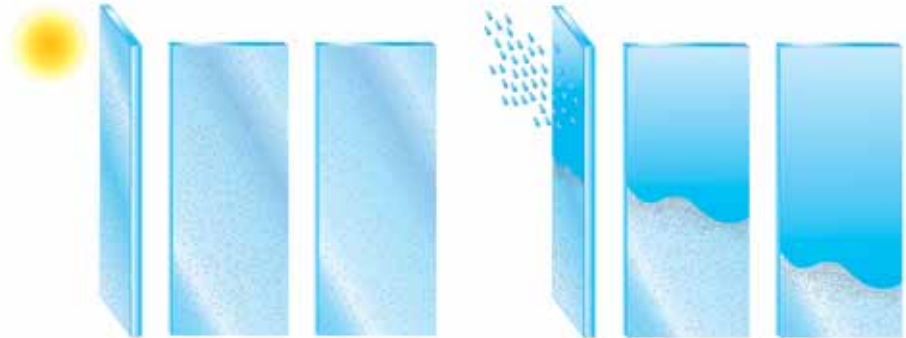
sgg BIOCLEAN self-cleaning glass will revolutionise the way you clean your windows.

Designed for external use, sgg BIOCLEAN uses both rain and UV light from the sun to efficiently combat dirt and grime that accumulates on the outside of the window. Resulting in the need for manual cleaning being significantly reduced in 2 simple steps, providing the ideal solution to cleaning those hard to reach or dangerous areas leaving you with more time to relax and enjoy your conservatory.



Normal Glass

sgg BIOCLEAN



sgg BIOCLEAN - Step 1 : Photocatalysis

Exposure to the UV rays present in daylight triggers the decomposition of organic dirt and causes the surface of the glass to turn hydrophilic.

sgg BIOCLEAN - Step 2 : Hydrophilic Action

Water (or rain) forms a sheet of water across the surface of the glass and rinses away broken-down organic dirt and mineral material.

Advantages

- **The most neutral self-cleaning glass available** - no unsightly tint or reflective surface. Looks just like normal glass!
- **Ideal for hard to reach areas** - clean where you have never been able to clean before!
- **Less frequent cleaning** - windows stay cleaner for longer.
- **Much easier cleaning** - less dirt and grime adheres to the glass.
- **Save money** - the cost of window cleaning is reduced.
- **Permanent coating** - lasts the lifetime of the window.
- **Environmentally friendly** - less frequent use of water and detergents.
- **Available in both neutral and bronze.**



"Having BIOCLEAN installed in our conservatory has made such a difference!"

SGG BIOCLEAR® COOL-LITE ST & SGG BIOCLEAR

Dual-action self-cleaning glass with solar control properties

Extremely versatile products, combining effective self-cleaning properties with high performance solar control, providing

Advantages

- **Up to 2/3 of heat from the sun is reflected by the advanced solar control coating.**
- **Offers good solar control performance,** keeps your conservatory cooler during sunny periods, without costly air conditioning or blinds.
- **Provides year round comfort** when combined with SGG PLANITHERM thermally insulating glass to significantly reduce heat loss in colder months.
- **Permanent self-cleaning coating** - lasts the lifetime of the window.
- **Less frequent cleaning** - windows stay cleaner for longer.
- **Much easier cleaning** - less dirt and grime adheres to the glass.
- **Save money** - the cost of window cleaning is reduced.
- **Neutral appearance** - the roof matches naturally with the rest of the conservatory glazing without compromising on performance.
- **Clear vision through windows** - even when its raining.
- **Enhanced visual comfort** - Reduces uncomfortable glare from the sun by over 50%.
- **Also available is:**
SGG BIOCLEAR COOL-LITE
AQUA GREEN

SGG BIOCLEAR COOL-LITE

Dual coated, self-cleaning glass with solar control properties.



Heat Reflection
72%



Normal Glass

SGG BIOCLEAR



AN® COOL-LITE AQUA GREEN



ing a long term and effective solution for roof glazing and hard to reach areas.



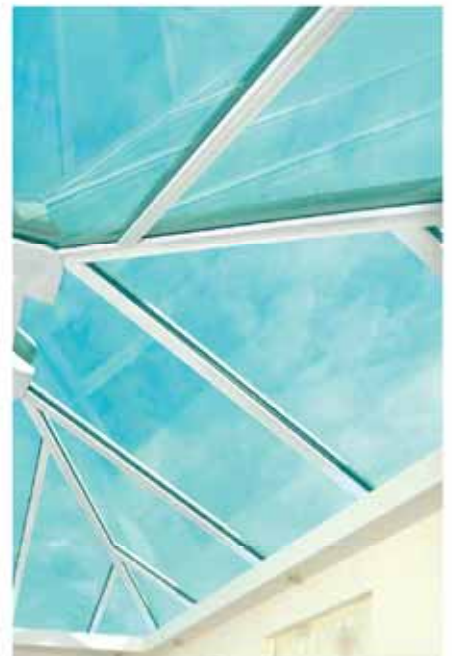
SGG BIOCLEAR COOL-LITE AQUA GREEN

Dual coated, body-tinted glass with self-cleaning and additional solar control properties.



A new high performance glass for conservatory roof applications, blocks up to 78% heat thanks to the advanced solar control coating, helping to keep your conservatory cooler.

Enjoy a pleasant Aqua Green appearance whilst maximising natural light.



SGG PLANITHERM® 4S

New Concept Conservatory Glazing for year round comfort

A conservatory should be a natural extension to your home, providing useable, extra living space that can be enjoyed whatever the time of year and your choice of glass is crucial in this.

SGG PLANITHERM 4S allows you to get the most out of your conservatory without having to accept excessively warm or cold conditions. Overall, the improved temperature stability has the potential to halve the energy required to maintain a comfortable environment all year round, providing you with comfort without the cost.

Choosing the optimum double glazing solutions for your conservatory...

Thanks to the versatility of our range of glass products, many additional benefits can be combined with your 4 seasons glass, helping you achieve your individual requirements.



SGG PLANITHERM® 4S

Keep *cool* in *summer...*

For **ROOFS** when combined with our special dual-coated self-cleaning and solar control glass



Heat Reflection
78%



Glare Reduction



Self-cleaning for
hard to reach areas

If used alone in a DGU for
SIDE WALLS



Heat Reflection
57%



Attractive Neutral
Appearance



Spring to Summer



SGG PLANITHERM® 4S

Keep *warm* in *winter*...



Unbeatable thermal insulation
U-value of 1.0 W/m²K



Less Heat Loss compared to ordinary double-glazing
63%



Save £'s
on your heating bills



Cold spots and drafts reduced



Reduced Condensation



Autumn to Winter



Product Range Performance Comparison

Application	Sealed Unit Configuration		% Solar Heat Blocked	Thermal Insulation (W/m²K) <i>- lower the better</i>	Permanent Self-Cleaning	Virtually Eliminates External Condensation
	Outer Pane	Inner Pane				
Sidewalls	SGG PLANITHERM TOTAL+	Float	35	1.2	X	X
	SGG PLANITHERM ULTRA N II	Float	42	1.1	X	X
	SGG PLANITHERM 4S	Float	57	1.0	X	X
Sidewalls & Roofs	SGG BIOCLEAR	SGG PLANITHERM TOTAL+	32	1.2	✓	✓
	SGG BIOCLEAR	SGG PLANITHERM ULTRA N II	40	1.1	✓	✓
	SGG BIOCLEAR	SGG PLANITHERM 4S	53	1.0	✓	✓
Roofs	SGG BIOCLEAR BRONZE	SGG PLANITHERM TOTAL+	51	1.2	✓	✓
	SGG BIOCLEAR BRONZE	SGG PLANITHERM ULTRA N II	56	1.1	✓	✓
	SGG BIOCLEAR BRONZE	SGG PLANITHERM 4S	66	1.0	✓	✓
Roofs	SGG BIOCLEAR COOL-LITE ST	SGG PLANITHERM TOTAL+	60	1.2	✓	✓
	SGG BIOCLEAR COOL-LITE ST	SGG PLANITHERM ULTRA N II	64	1.1	✓	✓
	SGG BIOCLEAR COOL-LITE ST	SGG PLANITHERM 4S	71	1.0	✓	✓
Roofs	SGG BIOCLEAR COOL-LITE AQUA GREEN	SGG PLANITHERM TOTAL+	72	1.2	✓	✓
	SGG BIOCLEAR COOL-LITE AQUA GREEN	SGG PLANITHERM ULTRA N II	74	1.1	✓	✓
	SGG BIOCLEAR COOL-LITE AQUA GREEN	SGG PLANITHERM 4S	78	1.0	✓	✓

■ POOR ■ GOOD ■ BETTER ■ BEST



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