



## Keep Cool in Summer

For conservatory roofs when combined with our special dual-coated self-cleaning and solar control glass

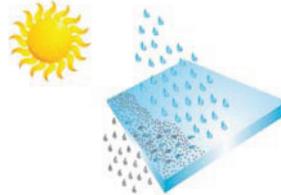
If used alone in a DGU for side walls



Heat Reflection  
**71%**



Glare  
Reduction



Self Cleaning  
for Hard to  
Reach Areas



Heat Reflection  
**57%**

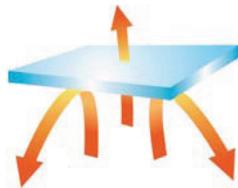


Attractive  
Neutral  
Appearance

## Stay Warm in Winter



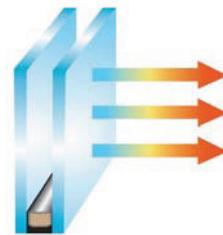
Unbeatable thermal insulation  
U Value of  
**1.0 W/m<sup>2</sup>K**



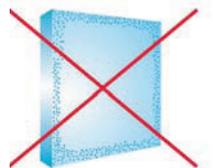
Less Heat Loss compared  
to ordinary double glazing  
**63%**



Save £'s  
on Heating Bills



Cold Spots and  
Drafts  
Reduced



Reduced  
Condensation



# 4S

## Neutral 4S

New Concept Conservatory  
Glazing for Year Round Comfort

# Introducing Neutral 4S

A conservatory should be a natural extension to the home providing useable, extra living space that can be enjoyed whatever the time of year.

Neutral 4S has been developed especially for conservatory glazing applications. Offering excellent solar control properties, reduced glare and enhanced thermal insulation.

Neutral 4S provides true year round comfort when used throughout the conservatory.

Application	Sealed Unit Configuration		% Solar Heat Blocked	U Value (W/m <sup>2</sup> K)
	Inner Pane	Outer Pane		
Sidewalls	Float	Neutral 4S	57%	1.0
Sidewalls	Neutral 4S	SGG Bioclean	53%	1.0
Roofs	Neutral 4S	SGG Bioclean Cool-Lite ST	71%	1.0

## Where can it be used?

Neutral 4S is ideal for conservatory applications and can be used in both the roofs and the vertical glazing.

## How effective is Neutral 4S?

Results from a conservatory glazing study show that using Neutral 4S throughout can reduce peak summer temperatures by an astonishing 13°C when compared to traditional Low-E glazing.

Overall, the improved temperature stability throughout hot or cold periods has the potential to halve the energy required to maintain a comfortable environment all year round.

## Advantages

**Thermal insulation:** reduces heat loss more effectively than traditional low-E products.

**Solar protection:** reflects up to 57% of solar heat gain through conservatory sidewalls and as much as 71% when used in conjunction with SGG BIOCLEAR COOL-LITE ST in the roof.

**Energy efficient:** reduced need for heating and cooling protects the environment and saves you money.

**Visual comfort:** maximising natural light and reducing glare provides an enhanced level of visual comfort.

**Neutral appearance:** beautiful neutral appearance matches the rest of your glazing.

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