

SGG CLIMAPLUS
COMFORT+

A range of high performance glazing solutions, ideal for conservatory roof systems and other overhead glazing applications.

Technical Sheet
United Kingdom

SGG CLIMAPLUS COMFORT +

A range of high performance glazing solutions, ideal for conservatory roof systems and other overhead glazing applications.

Product Description

The SGG CLIMAPLUS COMFORT+ range of double glazed units offers a high performance solution for conservatory roof glazing and other overhead glazing applications.

Application

Three product combinations offer increasing levels of comfort and protection, providing solutions that can be tailored to the customer's individual requirements. Each product in the range incorporates SGG BIOCLEAR self-cleaning glass.

Advantages

Year round comfort

These units offer twice as much solar heat reflection and more than double the heat insulation of a standard double-glazed unit, thanks to the advanced solar control and low-E properties of this glass combination.

Enhanced vision area and reduced glare

The dramatically improved vision area is a key advantage of glass conservatory roofing over polycarbonate roofing. The natural tint of the SGG CLIMAPLUS COMFORT+ range of units also significantly reduces glare from the sun.

Sound insulation

Compared to a polycarbonate conservatory roof, even the basic SGG CLIMAPLUS COMFORT+ unit blocks out significant levels of noise, which is especially noticeable when it is raining. The SILENCE unit offers a clearly audible 6-7dB improvement over and above the basic unit.

Dual action self-cleaning glass

All SGG CLIMAPLUS COMFORT+ units incorporate the SGG BIOCLEAR self-cleaning coating on the outside face of the unit, meaning significantly less manual cleaning. The coating is pyrolytic and therefore lasts the lifetime of the pane of glass. There is no need to re-apply, as there is with 'easy-clean' coatings. The coating harnesses UV rays to break down organic dirt on the surface of the glass. The coating is also hydrophilic, so water is attracted to its surface, forming into a sheet which washes dirt away, as well as allowing clear vision through the glass when it is raining. Since the water does not form into droplets, it also does not leave behind the usual dirty water marks on the glass.

Safety and security

Safety glass as standard. Additional security is also offered by the PROTECT and SILENCE units, which have laminated inner panes, offering greater protection against objects falling on to the overhead units.

UV protection

Over 83% of the sun's UV rays are eliminated when using the basic SGG CLIMAPLUS COMFORT+ unit. The level of UV protection rises to over 99% when using the PROTECT or SILENCE configurations, due to their laminated glass inner pane. This means the unsightly fading of furnishings will be significantly slowed down.

Advantages .../...

	SGG CLIMAPLUS® COMFORT+	SGG CLIMAPLUS® COMFORT+ PROTECT	SGG CLIMAPLUS® COMFORT+ SILENCE
Advanced solar control	*	*	*
Advanced heat insulation	*	*	*
Enhanced vision area	*	*	*
Reduced glare	*	*	*
Sound insulation	*	*	*
Enhanced sound insulation			*
Dual action self-cleaning coating	*	*	*
Safety	*	*	*
Security		*	*
UV protection (>83%)	*	*	*
UV protection (>99%)		*	*

Range

SGG CLIMAPLUS COMFORT+

A toughened glass safety unit, that offers high performance solar control and thermal insulation, along with the self-cleaning SGG BIOCLEAR coating. The subtle tint reduces glare from the sun and the units also block 83% of the sun's UV rays.

SGG CLIMAPLUS COMFORT+ PROTECT

The PROTECT unit offers all the benefits of the SGG CLIMAPLUS COMFORT+ unit and also provides protection against the fading of furnishings by blocking out over 99% of the sun's UV rays. Additional security results from the laminated inner pane, which gives some protection against objects falling on to the glass overhead.

SGG CLIMAPLUS COMFORT+ SILENCE

The SILENCE unit offers all the benefits of the PROTECT unit, but with extra sound insulation. Noise from rain on the overhead glazing is noticeably reduced. If noise from nearby roads, airports or railways is a problem this unit, combined with SGG STADIP SILENCE wall units, can assist in the creation of peace and quiet.

Installation Guidelines

The SGG CLIMAPLUS COMFORT+ units must be installed in accordance with the guidelines for SGG BIOCLEAR self-cleaning glass.

Maintenance

Care should be taken with maintenance of the units since the SGG BIOCLEAR coating is on face 1 of the unit. Refer to the SGG BIOCLEAR section for full details.