

SMARTGLASS® Plus+

Enhanced Performance

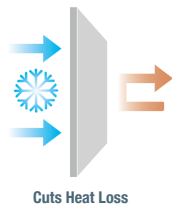


SMARTGLASS® Plus+ is becoming increasingly popular as consumers look to increase the performance and versatility of their conservatories all year round.

For those consumers looking for enhanced performance, SMARTGLASS® Plus+ is the perfect choice, offering a class-leading U-value of just 1.0 W/m²K and reflecting 72%* of the sun's heat, a particular benefit for South facing and

exposed elevations. Like our standard SMARTGLASS® range, this enhanced version benefits from true self-cleaning and warm edge technologies, along with four subtle tint options.

SMARTGLASS® Plus+ Key Features



Cuts Heat Loss

U-Value

1.0

U-Value - Measures heat loss through the unit in winter months. The lower the U-Value, the warmer in winter the room will be.



Reduces Heat Gain

G-Value

28%*

G-Value - Shows the percentage of the sun's heat able to pass through the unit. A G-Value of 28% means that 72% of the sun's heat is reflected back or absorbed by the glass, reducing heat build up in the summer months.



Reduces Glare

Light Transmission

41%*

Light Transmittance - Percentage of visible light able to pass through the unit. The lower the light transmittance, the lower the glare within the room.

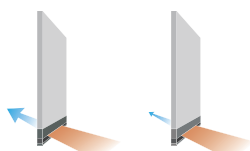


Stays Cleaner

True Self Clean

Yes

True Self Clean - Only a true self-cleaning roof does exactly that, cleans itself. Using a specially coated glass, a chemical reaction physically breaks down and washes away dirt.



Decreases Condensation

Warm Edge Technology

Yes

Warm Edge Technology - The use of a spacer bar that is up to 950 times less conductive than aluminium, thereby increasing internal temperatures around the edges and vastly reducing condensation.

* Figures stated are based on SMARTGLASS® Plus+ Blue Tint.

SMARTGLASS® Plus+

Enhanced Performance



Choice of Tints



Aqua



Blue



Neutral



Bronze

Technical Specifications

The table below highlights the key performance characteristics of the full SMARTGLASS® Plus+ range.

Product	G-Value	Light Transmission	U-Value	True Self Clean	Argon filled Low E	Warm Edge Technology
SMARTGLASS® Plus+ Aqua	18%	30%	1.0	Yes	Yes	Yes
SMARTGLASS® Plus+ Blue	28%	41%	1.0	Yes	Yes	Yes
SMARTGLASS® Plus+ Neutral	29%	37%	1.0	Yes	Yes	Yes
SMARTGLASS® Plus+ Bronze	34%	42%	1.0	Yes	Yes	Yes

Other SMARTGLASS® Products



SMARTGLASS® - Proven Performance



SMARTGLASS® Ultimate - A Technological Benchmark

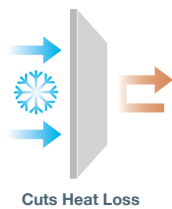


Standard SMARTGLASS® remains our most popular roof product and has been continually developed, enhanced and upgraded over the last decade.

With a U-value of 1.2 W/m²K SMARTGLASS® helps minimise heat loss in the winter months. With a good degree of light transmittance, conservatories feel light and airy, yet benefit from the anti-glare properties

inherent in SMARTGLASS®. There's also true self-cleaning and warm edge technologies built in to all our roof glass products.

SMARTGLASS® Key Features



U-Value

1.2

U-Value - Measures heat loss through the unit in winter months. The lower the U-Value, the warmer in winter the room will be.



G-Value

40%*

G-Value - Shows the percentage of the sun's heat able to pass through the unit. A G-Value of 40% means that 60% of the sun's heat is reflected back or absorbed by the glass, reducing heat build up in the summer months.



Light Transmission

52%*

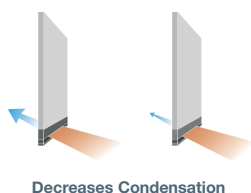
Light Transmittance - Percentage of visible light able to pass through the unit. The lower the light transmittance, the lower the glare within the room.



True Self Clean

Yes

True Self Clean - Only a true self-cleaning roof does exactly that, cleans itself. Using a specially coated glass, a chemical reaction physically breaks down and washes away dirt.



Warm Edge Technology

Yes

Warm Edge Technology - The use of a spacer bar that is up to 950 times less conductive than aluminium, thereby increasing internal temperatures around the edges and vastly reducing condensation.

* Figures stated are based on SMARTGLASS® Blue Tint.

Choice of Tints



Aqua



Blue



Neutral



Bronze

Technical Specifications

The table below highlights the key performance characteristics of the standard SMARTGLASS® range.

Product	G-Value	Light Transmission	U-Value	True Self Clean	Argon filled Low E	Warm Edge Technology
SMARTGLASS® Aqua	24%	33%	1.2	Yes	Yes	Yes
SMARTGLASS® Blue	40%	52%	1.2	Yes	Yes	Yes
SMARTGLASS® Neutral	40%	45%	1.2	Yes	Yes	Yes
SMARTGLASS® Bronze	49%	52%	1.2	Yes	Yes	Yes

Other SMARTGLASS® Products



SMARTGLASS® Plus+ - Enhanced Performance



SMARTGLASS® Ultimate - A Technological Benchmark

SMARTGLASS® Ultimate

A Technological Benchmark

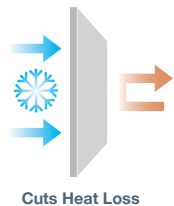


SMARTGLASS® Ultimate represents the very pinnacle in terms of glass technologies for conservatory and glazed roofing areas and is unsurpassed in the UK market.

This market-leading glass boasts a U-value of 1.0 W/m²K, the ability to reflect 80% of the sun's rays and yet still provides a visible light transmittance of 27%, ensuring the spacious and open feel isn't compromised in the search for solar control. SMARTGLASS® Ultimate naturally comes with true

self-cleaning and warm edge technologies, and is exclusively available in our popular cool blue tint. There's also a dedicated SMARTGLASS®-W Ultimate glass for your doors and windows to offer exceptional technical properties throughout your conservatory.

SMARTGLASS® Ultimate Key Features



Cuts Heat Loss

U-Value

1.0

U-Value - Measures heat loss through the unit in winter months. The lower the U-Value, the warmer in winter the room will be.



Reduces Heat Gain

G-Value

20%

G-Value - Shows the percentage of the sun's heat able to pass through the unit. A G-Value of 20% means that 80% of the sun's heat is reflected back or absorbed by the glass, reducing heat build up in the summer months.



Reduces Glare

Light Transmission

27%

Light Transmittance - Percentage of visible light able to pass through the unit. The lower the light transmittance, the lower the glare within the room.

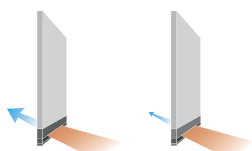


Stays Cleaner

True Self Clean

Yes

True Self Clean - Only a true self-cleaning roof does exactly that, cleans itself. Using a specially coated glass, a chemical reaction physically breaks down and washes away dirt.



Decreases Condensation

Warm Edge Technology

Yes

Warm Edge Technology - The use of a spacer bar that is up to 950 times less conductive than aluminium, thereby increasing internal temperatures around the edges and vastly reducing condensation.

SMARTGLASS® Ultimate

A Technological Benchmark



Cool Blue Tint



Due to the advanced nature of SMARTGLASS® Ultimate it is only available in our ever popular cool blue tint.

Technical Specifications

The table below highlights the key performance characteristics of our class leading SMARTGLASS® Ultimate product.

Product	G-Value	Light Transmission	U-Value	True Self Clean	Argon filled Low E	Warm Edge Technology
SMARTGLASS® Ultimate	20%	27%	1.0	Yes	Yes	Yes

Other SMARTGLASS® Products



SMARTGLASS® - Proven Performance



SMARTGLASS® Plus+ - Enhanced Performance