

SMARTGLASS® Ultimate

A Technological Benchmark

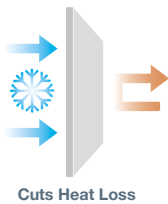


SMARTGLASS® Ultimate represents the very pinnacle in terms of glass technologies for conservatory and glazed roofing areas and is unsurpassed in the UK market.

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%

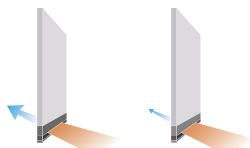
Light Transmittance - Percentage of visible light able to pass through the unit. The lower the light transmittance, the lower the glare within the room.



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.

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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

SMARTGLASS® -W For Your Doors and Windows



NEW

SMARTGLASS® -W is a revolutionary range of technically advanced glass specifically designed for conservatory doors and windows. Ask for it by name.

SMARTGLASS® -W - For Side Frames, Patio and Bi-folding Doors