



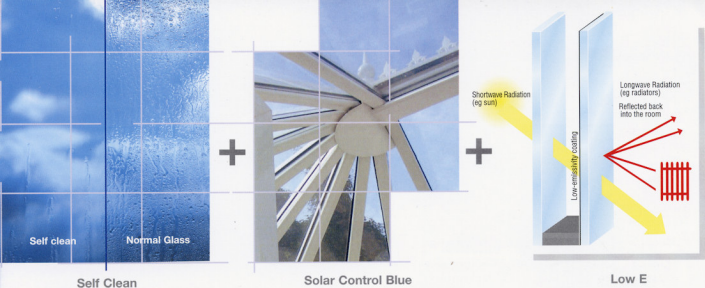
# solarblue ultima E conservatory roof glass

Glass gives your customers what  
they want: year-round comfort  
and long-lasting value



CONSERVATORY

ROOF



## Solarblue Ultima E - High Performance Roof Glass from CET

Unique *triple benefit* which keeps your conservatory *Cleaner, Cooler and Comfortable*

### Glass: the sparkle of technology on a conservatory roof

Conservatories have now become extensions – valuable lifestyle spaces for families to use all year round, summer through winter.

Manufacturers, installers and specifiers are now under greater pressure than ever before to make sure that their products deliver the expectations of the marketplace; looks, performance, longevity and cost.

### Technology puts glass ahead of the game

Modern glazing technology rewrites the rules for conservatory roofs. There's no longer any need for using polycarbonate. In every respect – looks, longevity, performance and long-term property values – glass beats polycarbonate hands down.

Unlike polycarbonate, glass doesn't yellow or craze with age. It retains its value and good looks year after year. Better still, glass now comes in a range of technically advanced combinations keeping your environment comfortable.

### CET puts you ahead of the game

When you install conservatory roof glass from CET, you're tapping straight into contemporary glazing technology.

Over the years our customers have grown to rely on our accessible blend of technical know-how, industry expertise and customer friendly service. There are few questions about glazing technology or regulations that we can't answer straight off. And if we don't know the answer, we'll find out for you.

### Glazing options for Conservatory Roofs for comfort, energy efficiency and easy maintenance.

Glass is the ideal choice to satisfy a wide range of performance criteria:

- Reduction of heat-gain
- Reduction of heat-loss
- Reduction of glare
- Easy maintenance
- Strength and safety
- Longevity
- Privacy
- Aesthetics
- Value retention

Our development of new glass options using **Self Cleaning, Solar Control** and **Low Emissivity** (thermally efficient) glasses keeps you and your customers at the forefront of glass product design and innovation.



## Solarblue Ultima E - High Performance Roof Glass

Introducing a unique glass sealed unit for your conservatory roof - keeps you cooler in summer and comfortable in winter!

An attractive **Blue Solar Control Glass** which has a permanent, **low maintenance, self-clean coating**, combined with thermally **advanced low E glass** - a perfect combination!

### Benefits

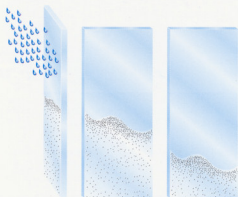
- Attractive blue appearance offers excellent aesthetics
- Enhanced visual comfort by filtering light and reducing glare
- At least 60% of heat is blocked - cooler in summer
- Less frequent cleaning required
- Cleaner and clearer windows
- Low E helps retain heat in winter by reflecting it back into your conservatory
- Energy Efficient: U Value 1.1 W/m<sup>2</sup>K (gas) 1.4(no gas)
- Year-round comfort, long-lasting value!

### Features

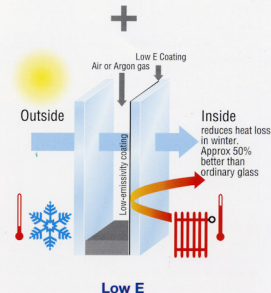
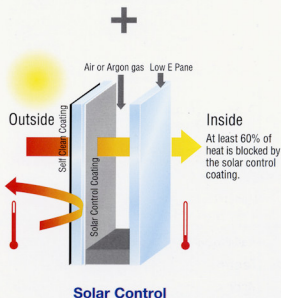
- A unique combination of **self-cleaning** and high performance **solar control** on one piece of glass
- **Blue tint** reflects and traps heat
- Once activated by daylight the coating breaks down organic dirt and rainwater washes it away; lasts the **lifetime** of the window
- **Low E glass** has a very thin, almost invisible special coating which is glazed on the inside surface of the sealed unit.
- Available in 4mm Toughened Safety Glass - certified to European standards BS EN 12150/12600
- Sealed Units supplied to European standards BS EN 1279, parts 2 & 3 (Argon Gas)

*Self-cleaning glass still requires occasional cleaning, particularly after long, hot dry spells\* (see back page)*

**Unique triple benefit -  
Keeping your conservatory  
• Cleaner • Cooler • Comfortable  
the ultimate solution!**



### Self Cleaning



Why not glaze your entire conservatory with glass from CET!

After all, glass is our business; it's what we excel at.

From our 94,000 sq ft factory with in-house toughening facilities, we supply sealed double glazing units to match virtually any specification. Every unit is finished to a high standard and delivered to your requirements.

Product range is extensive and quality superb. We also offer a range of Georgian and Interbar products for attractive cottage-style effects, Leaded, plus coloured films, Stained Glass, and Bevels.

All sealed double glazed units comply with BS EN 1279 part 2 (air filled) and part 3 (argon filled). Toughened Glass to BS EN 12150/12600.

Kitemark licences :

KM07011: Sealed Units

KM07077: Toughened Glass to BS EN 12150/12600

FM80764: BS EN ISO 9001:2000

Quality Systems

Call 01604 596000 for a brochure or further information or visit our website at [www.cetglass.com](http://www.cetglass.com)

### Summary Information of Key Features and Performance

Key Performance Measures	Comparison between Ultima E & Basic Glass Unit with 4mm Toughened Safety Glass Options (16mm airspace)	
	Ultima E	Clear Glass
<b>Features</b>		
Self-clean	Yes	No
Solar Control	Yes	No
Low E	Yes	No
Appearance	Blue	Clear
<b>Performance</b>		
Solar Factor (62% of heat blocked)	38%	79%
U Value 16mm spacer-		
With Argon Gas	1.1	2.6
Without Argon	1.4	2.7
Light Transmission	45%	82%
Light Reflectance (external)	22%	15%
Light Reflectance (internal)	20%	15%
<b>Explanations and definitions</b>		
Solar factor is the percentage of the sun's total energy that passes through.		
U-value: A measure of the rate heat-loss through a building material in W/m <sup>2</sup> . K- the lower, the better.		
Light transmittance is the percentage of visible light that passes through.		
Light reflectance is the percentage of visible light that is reflected.		
Emissivity: A measure of the way in which the surface of an object emits heat (scale 0-1) - the lower, the better.		
Low E: A glass with coating of low emissivity (<0.2). Actual: Soft Coat 0.04, Hard Coat 0.15.		
All figures are subject to rounding.		

\*must be installed / handled in accordance with manufacturers guidelines. Self cleaning glass is not suitable for installation where glass is not exposed to daylight, or subject to constant exposure to contamination e.g. below airport flightpath. Remedial cleaning may be required.



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