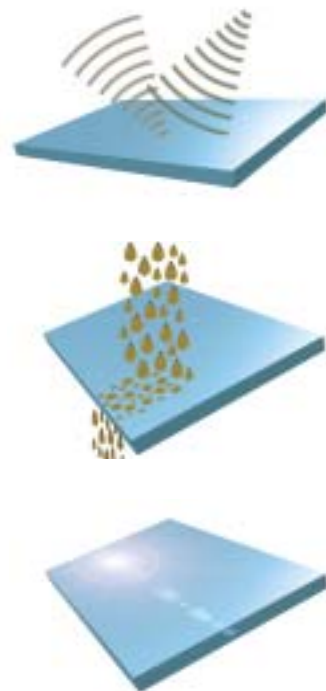


The revolutionary new glass for conservatories.





CELSIUS. A whole

Look around any property these days and in every room you'll see technology designed to make our lives easier and our homes more comfortable. It's all there - from washing machines to remote controlled televisions, electric shavers to programmable central heating boilers. And now, thanks to K2 Glass Ltd (the glass division of K2 Conservatory Roofs), glazing has undergone the same treatment.



new concept in glazing.

In keeping with our commitment to continued innovation, we've introduced a stunning new range of coated, 'smart' glass that's perfect for use in conservatory roofs. Glass that keeps homes cool in summer and warm in winter, whilst offering other benefits such as minimal maintenance, ease of cleaning and much, much more besides.



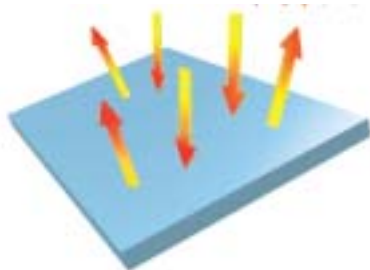
It's called Celsius. And it's a whole new concept in glazing...



Technically advanced.

At the heart of the Celsius range lies tried and tested technology specially developed by K2 Glass Ltd to perform in all climates and conditions.

Impressive technological features combined with a subtle tint in the glass helps ensure that unwanted glare is kept to a minimum allowing for all year round enjoyment of the conservatory.

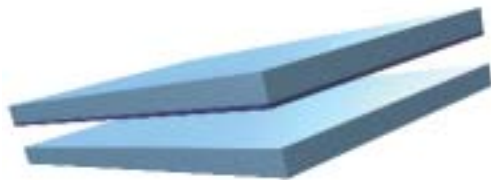


Other advanced features mean heat from inside the home is reflected back into the property, whilst excessive solar heat is deflected away.

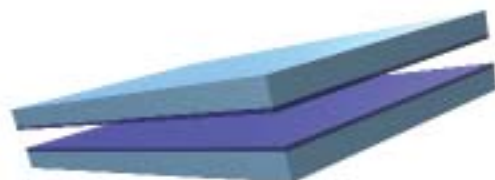
Celsius is one of the few glazings on the market to offer this unique combination of heat reflection and thermal insulation.

All figures shown are calculated based on vertical glazing. Values may alter according to angle and orientation of glazing. Contact our technical department for further information.

Scientifically proven.



Celsius



Celsius +

The table below gives you a better idea of the impressive performance of Celsius and Celsius + when compared to conventional glass or polycarbonate.

	Normal Double Glazing	Typical 25mm Polycarbonate	Celsius	Celsius+
Visible Light Transmittance	80%	68%	45%	40%
Solar Factor	75%	55%	28%	26%
U-Value	2.8	1.75	1.4	1.2

Explanation of terms

Visible Light Transmittance

This is the percentage of visible light directly transmitted through the glass.

Solar Factor

This is the percentage of total solar energy (or heat from the sun) able to pass through the glass.

U-Value

This is used to measure internal heat loss during colder periods. The lower the number, the greater the insulation.

The figures shown above are for guide purposes only. Slight variations may occur due to glass specification, time of year, manufacturing tolerances, point of manufacture and type of instrumentation used.

Benefits you'll warm to.

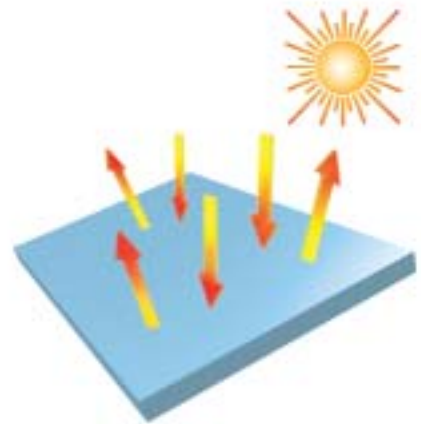
Heat reflection

Imagine a glazing that offers you the best of both worlds.

A glazing that keeps you warm and cosy in winter and cool and comfortable in summer.

This is what Celsius delivers thanks to its unique, proprietary technology. Its innovative thermal properties also make it the ideal choice for conservatories - rooms that tend to experience excessive or insufficient heat depending on the time of year.

With Celsius or Celsius+, the conservatory owner can literally expect weeks of extra enjoyment from their prized investment, whatever the weather outside.



72%

Our unique coating reflects around 72% of total solar energy. This is nearly three times that of standard glass.

Thermal insulation

And the benefits don't end there. Celsius helps to eliminate cold spots, which usually develop near glazing which lack the same high levels of insulation.

This insulation also means Celsius contributes to overall energy efficiency within the home and can lead to savings on heating bills. Finally, the entire range will help to reduce condensation.

Condensation forms when warm, moist air comes into contact with a cold surface such as conventional glass.

Celsius' unique microcoating however keeps the internal pane up to 5°C warmer during cold periods, so condensation is drastically reduced.



50%

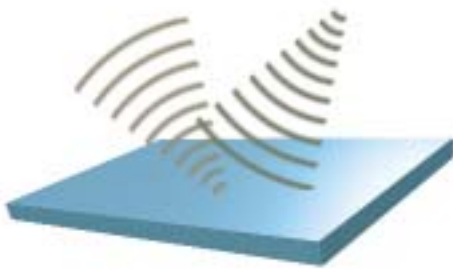
In an age when energy efficiency is paramount our product outperforms standard glass units by 50%, thereby reducing potentially expensive heating bills.



Maximum enjoyment with minimal effort.

Sound reduction

Better soundproofing also comes as standard. A Celsius glazed roof offers twice the sound insulation during rainfall of a roof that uses more commonplace glazing, such as 25mm polycarbonate.



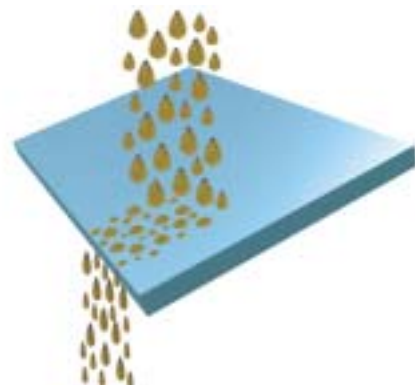
100%

Reduces noise by over 100% compared to 25mm polycarbonate.

Easy Clean

This feature enables water to run off the glass, taking dirt and grime with it. By reducing the build up of unsightly deposits, the need for manual cleaning is dramatically reduced.

Our product is manufactured using a unique coating process, designed for the ultimate in product performance.



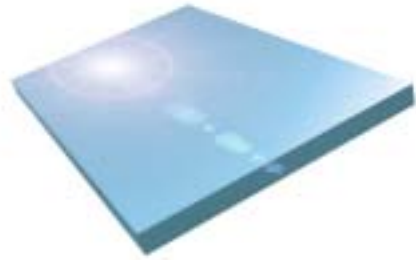
Glare factor

Both Celsius and Celsius+ are subtly tinted and when employed in a conservatory roof they drastically reduce the uncomfortable glare that can occur with more conventional glazing products.

Likewise, on duller days, they still emit sufficient light for the conservatory to be enjoyed in all its bright and airy glory.

Beyond its ability to help regulate temperature and create altogether more comfortable, more luxurious living environments, there are other exciting benefits to the Celsius range.

When you take into account all these performance benefits you can be assured of enjoying your conservatory all year round.



44%

Reduces glare by 44% all year round compared to a standard double glazed unit.



Setting new standards in service.

At K2 Glass Ltd we have a deep commitment to customer service excellence. When you choose any of our products, you will find they are backed by a whole range of initiatives designed to give you total satisfaction and complete peace of mind. These initiatives include:

Quality Assurance

When you buy from us, you can be confident you've bought the best. Everything from the raw materials we use, through to our methods of manufacturing are subjected to the most stringent quality controls. As a result Celsius carries Kitemark BS 5713 and is backed by a 20 year warranty against seal failure.

Fast-track Ordering

At K2 Glass Ltd we don't believe the best things are worth waiting for. All orders for Celsius are turned around in 5 to 7 working days whilst emergency orders - such as those to replace glazing accidentally broken on-site - can be fulfilled in as little as 24 hours (if you collect from your nearest distributor). Trade customers can also order direct through First Degree Software.

After-sales Support

To help you get the most from Celsius and every other product within the K2 Glass Ltd portfolio, we offer the highest levels of after-sales support. This includes advice on product care and maintenance as well as the reassurance of some of the most steadfast guarantees in the industry.

Product Development

At K2 Glass Ltd, we never rest on our laurels. To ensure our products continue to set new standards in aesthetics, performance and durability, we invest heavily into product design and development. Ultimately, with us, you enjoy access to the best that modern technology can offer.



Discover the future of glazing.

Discovering the benefits of Celsius or Celsius+ for yourself couldn't be easier. Simply contact our sales team for more information and full details of how to order.

The sooner you do, the sooner you'll be able to enjoy the unique and exciting advantages of this revolutionary new concept in glazing.





CELSIUS
PERFORMANCE GLASS



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