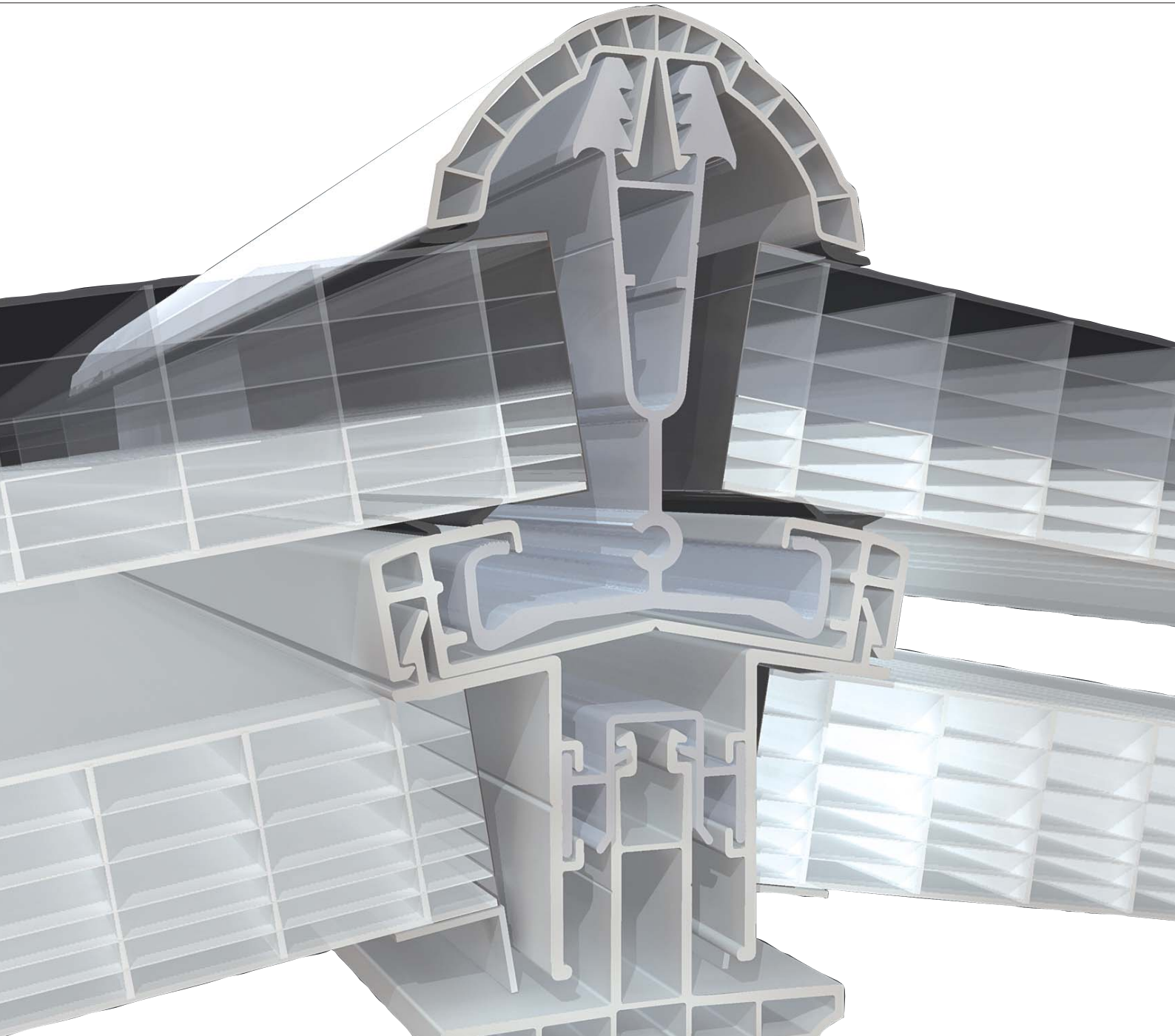


ultraframe



Window & Door Products

Orangery

Home Extension Products

Conservatory Products

Skylight Products

utopia

Technology

“ *The majority of installed conservatories have poor thermal performance...* ”

Buying a conservatory with an ‘ordinary’ roof might leave you disappointed. In winter it will be cold, even though your gas or electricity bill will be several hundred pounds higher as you pump heat in. And in summer it might get stiflingly hot too.

In other words, you might only enjoy it’s use for around a third of the time you should.

Welcome to Utopia from
the **first** and **only** conservatory eco roof



**Have you seen
the Utopia DVD?**



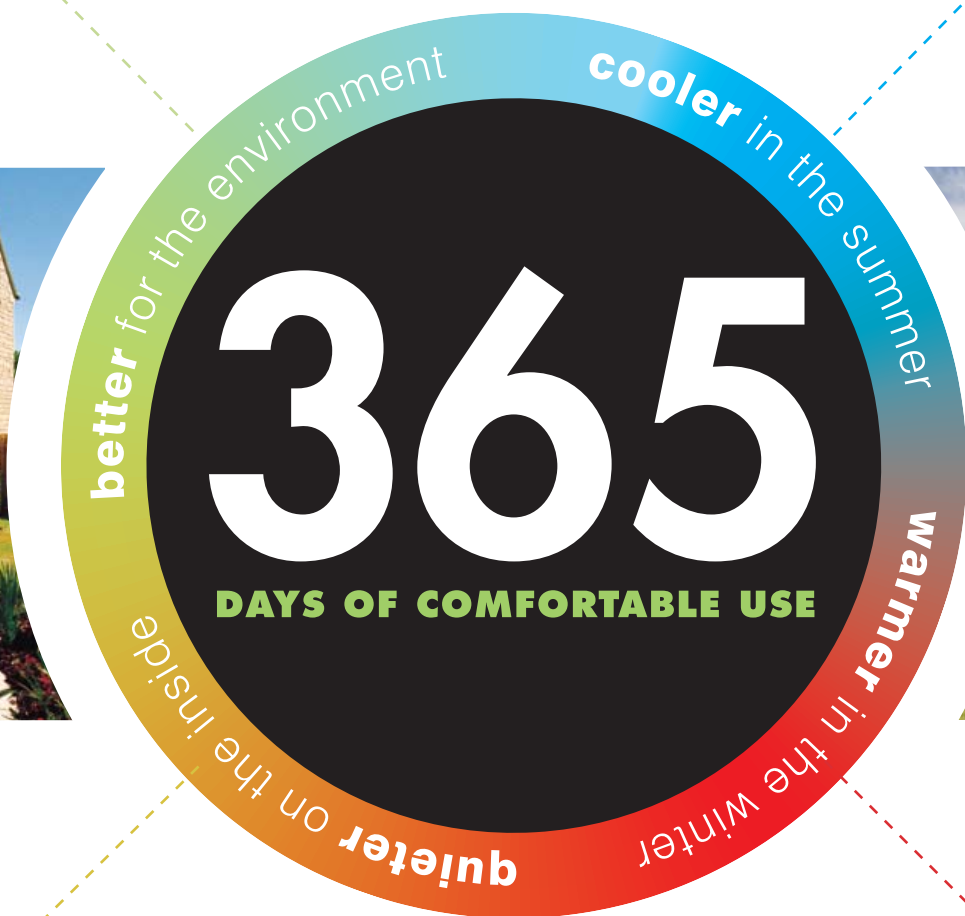
Ultraframe



We all want to do our little bit for the environment. From recycling to home insulation, there are so many ways to 'green' our homes and build a sustainable lifestyle.

And here at Ultraframe - as the leading designer and manufacturer of conservatory roofs - we're making big strides too. The Utopia roof is the latest in environmental technology, so if you want a conservatory that can be used all year round, there are even fewer compromises to make.

Energy saving and 365 days per year usage – the best of both worlds and it's not costing the earth.



The double layer polycarbonate system also provides a barrier to external noise transmission, allowing for a quieter and more peaceful internal environment, making it an ideal alternative to solid roof/tiled extensions.



Conservatories not fitted with the Ultraframe Utopia ecoroof overheat in summer because they admit large quantities of solar heat or 'short wave radiation'.

Conservatories fitted with the Ultraframe Utopia ecoroof screen out 97% of this solar energy, allowing even more hours of use in the summer months.

Manufactured with 35mm Heatguard polycarbonate externally and 32mm opal polycarbonate internally, the sun's solar energy is better reflected than the highest performing glass, extending usage in the summer months and not only keeping you cooler, but preventing dazzle and glare and reducing the fading effects on your furniture.



Unlike your neighbours who have an ordinary conservatory and so have limited use throughout the winter, when you ask for the Ultraframe Utopia ecoroof you'll be as comfortable in January as you are in June.

How does the Utopia ecoroof manage this miraculous feat? Compare it to the duvet on your bed, which is filled with lots of pockets of air – the ecoroof is the same, with 13 separate airpockets that insulate against the outside winter weather and prevent warm air generated from underfloor or central heating disappearing through the roof.

The benefit to you is your heating bills should be only 50% of what they would be for an ordinary conservatory roof – a great saving and kinder to the earth too.

more comfortable...



The 'double-double' layer

All standard conservatory's make do with just one layer of polycarbonate roof glazing or one sealed unit – Utopia features a 'double-double' layer to bring the U-value (a measure of thermal performance) right down from around 1.7 to only 0.53.

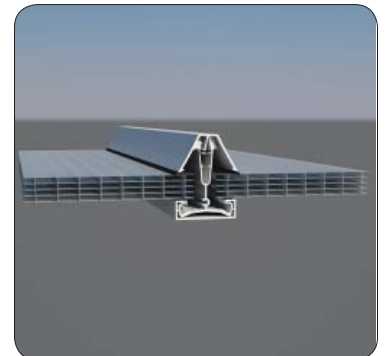
The Passivhaus Institute – the provider of eco design guidance to Europe's home builders – sets the maximum target for U-values in windows/glazing at 0.8, and so Utopia easily beats this. Which means fewer draughts as cold air is drawn around, and so a more comfortable and habitable room is created.

Ultraframe is a leader in transforming light and space and it's Utopia eco roof technology can be used for your planned conservatory. Most styles and designs of conservatory will benefit from this unique energy saving technology.

Standard Roof

With a roof 'U' value of around 1.7 cold draughts circulate close to the glazing, limiting comfort to the middle of the roof.

Heating this roofspace – even with these limitations – costs £318 a year and uses a ghastly 2085 kilowatt hours of energy.



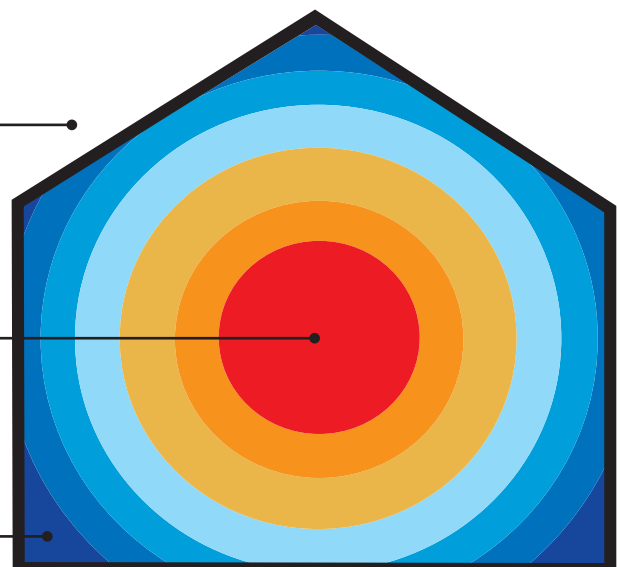
heating cost (roof only)

£318/year

0°C Outside Temperature

20°C Room Temperature

13°C Edge Temperature



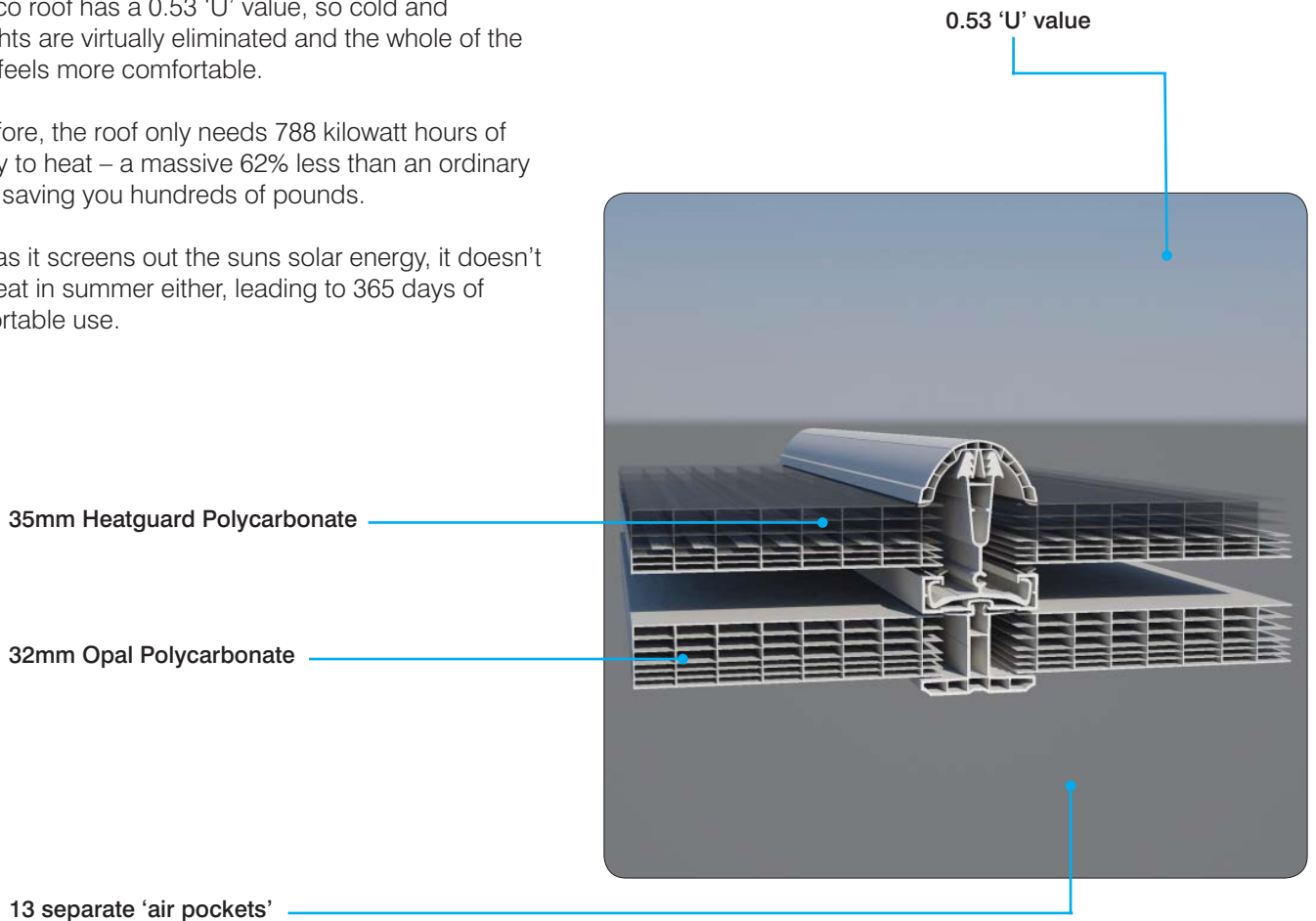
lower energy bills

Utopia Roof

The eco roof has a 0.53 'U' value, so cold and draughts are virtually eliminated and the whole of the room feels more comfortable.

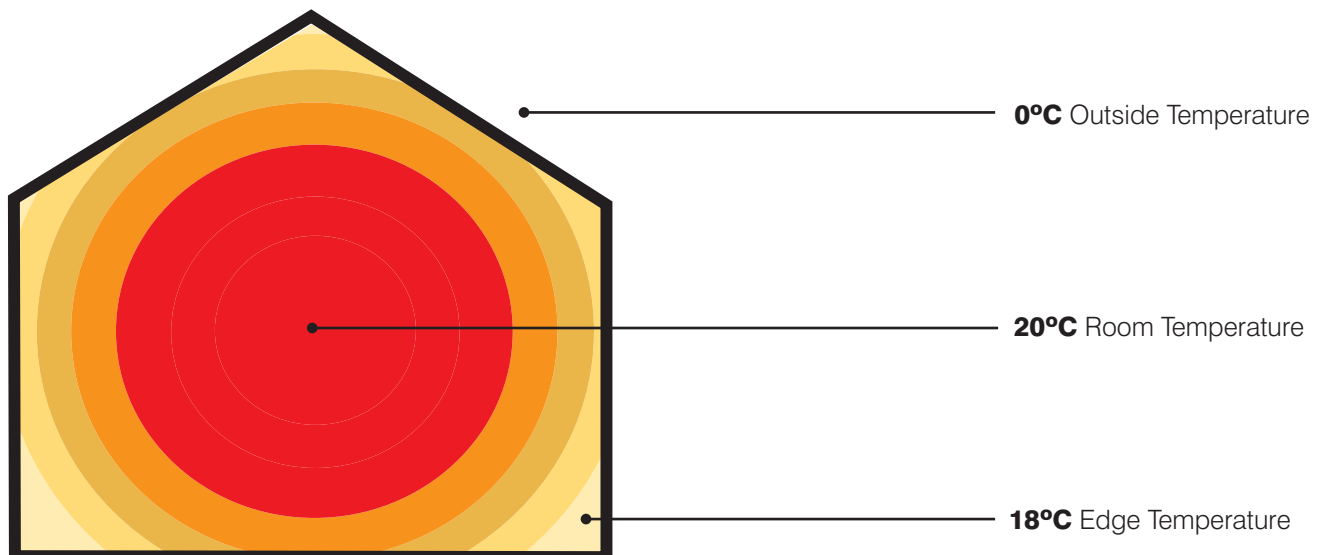
Therefore, the roof only needs 788 kilowatt hours of energy to heat – a massive 62% less than an ordinary roof – saving you hundreds of pounds.

Also, as it screens out the sun's solar energy, it doesn't overheat in summer either, leading to 365 days of comfortable use.



heating cost (roof only)

£120/year



ultraframe

Transforming light and space

www.ultraframe.co.uk

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