

We've Got You Covered

With

icotherm
roof systems



Enjoy a Temperature Controlled Year Round Living Space
With a Lightweight Tiled Icotherm Roof



www.icotherm.co.uk

We've Got You Covered

CONSERVATORY PROBLEMS

Fed up of wasted space that you can only use at certain times of the year? Don't know what the options are? Icotherm Timber-Framed Light Weight Roofs provide the solution when it comes to replacing your old conservatory roof whilst adding value, versatility and privacy. Our innovative technology means you can have a tiled roof that is only marginally heavier than its glazed counterpart. It meets Government Guidelines and gives you the room you always wanted.



Icotherm timber structures are an environmentally friendly solution that not only look beautiful, and are practical, but also conform with Building Regulations for structural and thermal performance. The result: a room that is efficient and warm. Fast installation design means your new roof is fitted with minimum disruption to your home



A Job Well Done

FAST & EFFICIENT INSTALLATION

We've invested in design not only for thermal efficiency, looks, sound insulation, weather-proofing and weight, but also in terms of installation features. Icotherm Roofs are delivered to your home in prefabricated modules. The unique design system ensures minimal disruption and a faster and more efficient installation process than any other replacement roofing system. A crucial factor when working in UK weather conditions. In most cases your Icotherm roof is installed, secure and weatherproof in 1 day and completed in just 3 days. That's the Icotherm difference.



Transform your conservatory into the year round room you've always wanted.

90% warmer in Winter and 70% cooler in Summer.



Customisation

We believe your roof should be as unique as you are. That's why we apply our innovative technology with customised design, bringing you the perfect roof for your home whatever the size or style.



INTERNAL FINISH OPTIONS

Enjoy selecting from either a plasterboard finish which can then be painted in your chosen colour, or opt for a finish in either PVCu or timber cladding. Balance light and privacy by choosing from a variety of lighting options, along with a range of manual and electric opening roof windows. Visualise your space with light, warmth and privacy, perfectly balanced.



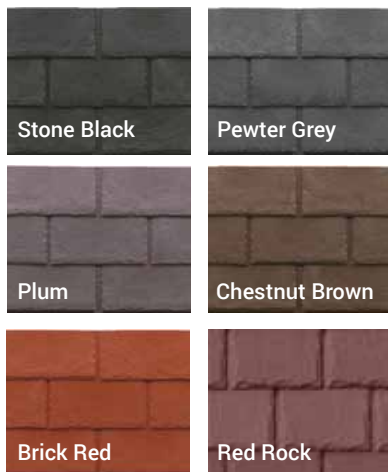


EXTERNAL FINISH OPTIONS

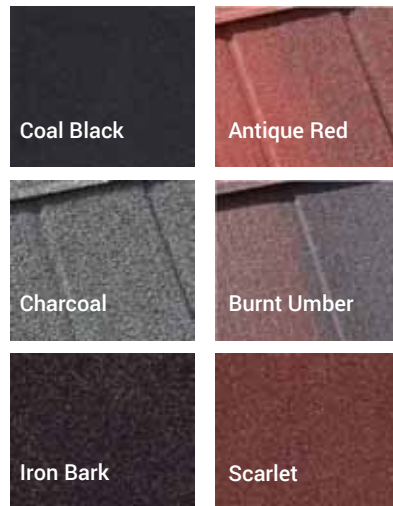
We offer a range of lightweight tiles that beautifully replicate traditional stone, terracotta and slate. With a wide range of colours, your chosen tiles will match and compliment your home. In addition, your choice of fascia and guttering will provide the finishing touches. Icotherm's tile options are UV protected as standard and have the additional benefit of being fire-rated for your peace of mind.



With authentic surfaces and edges, Tapcoslate highlights the handsome character of slate, at the same time enhancing roof performance through innovative design.



The icolite is made from a lightweight high grade steel with Aluzinc coating for incredible strength and resistance. The ideal profile for those looking for a simple and elegant appearance.



Icoslate is an alternative tile option which is also highly durable and offers a genuine slate appearance which will closely match your existing roof.





Superior Performance & Air Flow

Icotherm Roofs are fully ventilated enabling air to flow over the eaves and through the entire roof system leaving through the ridge or wall plate, giving you a versatile year-round living space. Even better, you get to save on heating bills.

WARMTH AND COMFORT

The icotherm roof system is constructed using C24 building grade timber, 155mm thick EPS board and deliberately avoids the use of Aluminium or Steel framework which is prone to cold bridging.

The lower the U value the better the performance. Icotherm achieves a U Value of 0.18 W/m²k meeting all government guidelines.



Timber thermal conductivity = 0.16 W/m²k



Aluminium Thermal Conductivity = 160 W/m²k



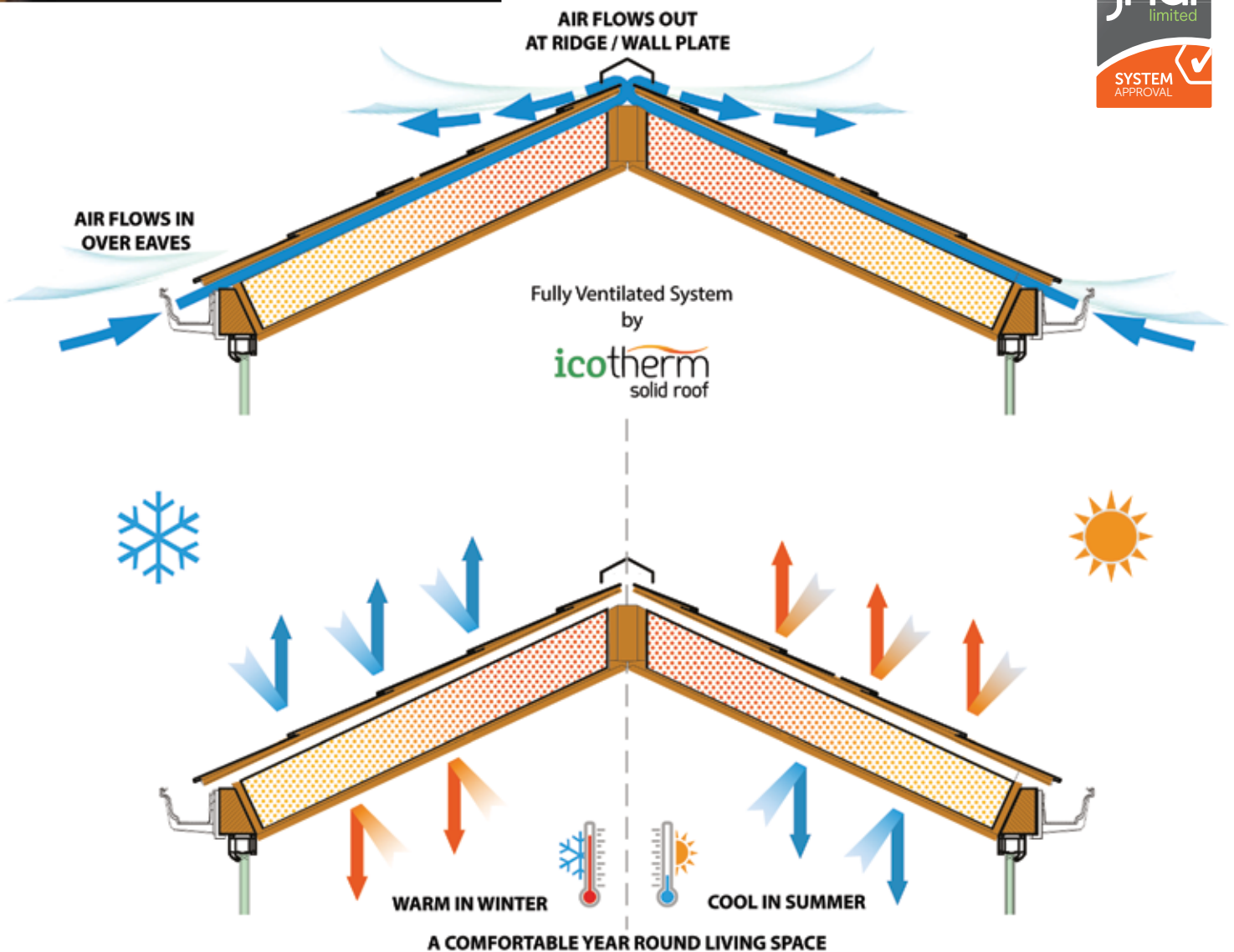
Enjoy the benefits of an Icotherm roof

A solid investment offering excellent value for money and peace of mind, as all Icotherm roofs are covered by a 10 Year Manufacturer Warranty.

The Icotherm Solid roof is fully compliant with Building Regulations

Our roof system is approved by JHAI Building Inspectors, structurally approved by Rhodes & Partners, Structural & Civil Engineers and offers a fuss free solution to obtaining Building Regulations where required.

System Approved by



Frequently Asked Questions

Will I be able to use my room all year round?

Yes. The addition of an Icotherm roof can make your room up to 90% warmer in winter and 70% cooler in summer whilst enjoying the additional benefits of reduced noise pollution, no solar glare and extra privacy.

Is condensation a real issue?

Condensation is not an issue if it is controlled with adequate ventilation. The lower thermal conductivity of timber makes it an ideal material to use. Icotherms has a U'Value Performance and Condensation Risk Analysis supported by 'Build Desk' Version 3.4.

How long will it take to complete the work?

Whilst no installation is the same, an average conservatory roof upgrade is completed within 2-3 days. In most cases secure and weather-tight in the same day.

Do I need Building Control?

Icotherm roofs are fully compliant to building control regulations. In some circumstances building consent may not be required, however Icotherm recommend you check with your local building office. Icotherm is a leading design system approved by a number of building inspectors to simplify the building certificate process.

Will the roof be too heavy for my existing frames?

No. An Icotherm roof is only marginally heavier than a glass roof. In keeping with Government Guidelines, if the structure shows no signs of distress, the existing foundations are likely to be adequate to carry the small additional loadings. Existing glazing and door support must also be reinforced.

Will an Icotherm Roof match my house?

Icotherm specialise in bespoke design offering customers a range of both internal and external finishes to provide a matching solution for your home.

Will my internal room feel darker?

On average you will lose between 5-10% of light compared to a traditional conservatory roof. You may therefore wish to incorporate one of our premium 'VELUX' roof windows with high performance glass.

Will the roof be strong enough to stand on to clean windows?

Whilst Icotherm recommend using a board or covering to protect the tiles, the roof structure is more than strong enough to stand on.



BEFORE



AFTER

'Our Icotherm roof was fitted by a recommended installer and we soon realised we had made the right choice when we saw the quality of the prefabricated roof system arrive on time as planned to our home. We were amazed at how quickly the modular roof sections went together, which was just as well as the heavens opened up in the afternoon but the fitters werec already tiling by then.

Our old conservatory was difficult to heat in winter and like a greenhouse in summer. Our Icotherm roof has completely transformed our conservatory to the room we've always wanted. We fully recommend an Icotherm upgrade.'

Mr & Mrs Laverty, Bolton.



- ✓ Thermally Efficient: Cool in Summer, warm in Winter
- ✓ Prefabricated modules ensures speedy installation
- ✓ Choice of internal and external finishes, lighting and windows
- ✓ Building Control Compliant
- ✓ Structurally Approved by Rhodes & Partners, Structural & Civil Engineers
- ✓ 10 Years Manufacturing Warranty
- ✓ Eco-Friendly Timber
- ✓ The Ultimate **Green** Building Solution

THE STYLES

The Icotherm roof is a bespoke product. Each individual roof is designed using the measurements taken from a detailed site survey. A few of the the most common styles of roof are shown below. Because we use the most sophisticated design software, an Icotherm roof can be built to any shape or style, the list is endless.



Edwardian



Lean - to



Victorian



Hipped Edwardian



Hipped Lean - to



Combination

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