

# The Icotherm Collection

Timber roofs for conservatories and  
single storey extensions



Sheertherm  
Manufacturing Ltd

# Create a room that you can use **all year-round**

The addition of an Icotherm™ tiled roof can make your room up to 70% cooler in the summer and 90% warmer in the Winter!

**Looking for an upgrade on your glazed conservatory roof, or want to extend your property with a room that gives you that homely feel?**

The Icotherm roof offers you all the options you need for a standard conservatory roof replacement or a bespoke new build to match your property.

Your Icotherm roof can include Velux® windows, panoramic glass panels or lanterns.



# Why choose the **Icotherm roof?**



## **Thermally efficient**

The Icotherm roof helps maintain optimum temperature in the room, protecting from the summer heat and retaining warmth in winter.



## **Building control compliant**

The Icotherm system is compliant with Building Regulations. When you choose an Icotherm roof, you do so with the assurance that your room will be building inspector approved.



## **Speedy installation**

Pre-fabricated roof modules ensure speedy installation and minimum site disruption.



## **10 years guarantee**

Your installer receives a 10-year manufacturer warranty against manufacturing defects.



# WHY **TIMBER**?



## **Natural insulator**

Timber is naturally insulating, as opposed to aluminium, which is known to be used for similar solutions.



## **Premium quality materials**

Icotherm select only the highest quality timber, using a premium C24 building grade material.



## **FSC certified**

All our structural timber is FSC certified. The Forest Stewardship Council (FSC) shall promote environmentally appropriate, socially beneficial and economically viable management of the world's forests.

**Timber is a renewable building material and has been used in construction for centuries, starting in the Middle Ages. For example the roof frame for Saint Paul's Cathedral (17th Century) was built from timber.**

Another key benefit of Timber is that it is naturally insulating, unlike aluminium, for example, which is known to be highly conductive.

Timber has a very low thermal conductivity of 0.16 W/m2k. The completed Icotherm roof offers a U-value of 0.15W/m2k, with the option of 0.12 being available for the Scottish and Welsh markets (even better than an insulated house cavity wall: 0.41w/m2k\*).

## **Source Reference:**

\* [www.thegreenage.co.uk/what-are-u-values](http://www.thegreenage.co.uk/what-are-u-values)





Choose from a wide range of **internal & external finishes, lighting and windows.**



# Use the table below to select the best roof option for you:

		New Build	Replacement	Velux®	Panels	Lantern
	<b>icoroo</b> Standard pitched roof, with the option of adding Velux® windows, and selecting your choice of tiles.	✓	✓	✓		
	<b>icoview</b> For a dramatic change opt for full glass panels.	✓	✓		✓	
	<b>icospan</b> Flat roof option that can be finished off with a lantern, for a prestigious looking orangery.	✓	✓			✓
	<b>ico600</b> If you are in bungalow or cottage with a low roof line, opt for a low pitch roof.	✓	✓			







# Customise the lighting in **your room**

Balance comfort and space by selecting:



## Natural light

You can add Velux® windows to the Icoroof, or select the Icoview design, an alternative that integrates full length glass panels to sections of the roof, which will give you a beautiful near panoramic view of the sky.



## Lighting

Your roof can be designed with LED ceiling lights, which when combined with a traditional plaster finish, will give your new room a bright look and feel.

**VELUX®**

Velux® options include:  
Manual or electric with rain sensors.

# Tile Options

We offer a range of stock tiles in both a shingle and slate effect, sourced from the leading British lightweight tiles manufacturer, Britmet Lightweight Roofing.

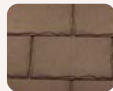
## Icoslate (slate effect)



Amethyst



Ash



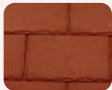
Oak



Sunshine



Slate



Sunset



Charcoal



## Icotile (shingle)



Titanium Grey



Bramble Brown



Rustic Brown



Rustic Terracotta



Rustic Red



Smoked Oak



Raven



**Disclaimer:** The available selection of tile brands and colours may be different to the one shown here. Please always check availabilities with your installer.

# Your questions...

## **Everything you need to know about our roof systems**

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

The addition of an Icotherm roof can make your room up to 70% cooler in summer and 90% warmer in winter so you will be able to comfortably use your room all year round! You will also be able to enjoy the benefits of reduced noise pollution, no solar glare and extra privacy.

### **Is condensation a real issue?**

The Icotherm roof is specifically designed to be ventilated. It also has a low U-value due to the fact that it is built from timber, which has low thermal conductivity, and approval in a low condensation risk analysis.

### **How long will it take to complete the work?**

Whilst no roof installation is the same, an average Icotherm roof upgrade is completed within 2-3 days. The roof is secured and weather-tight on the same day in most cases.

### **Do I need building control?**

Icotherm roofs are fully compliant with building control regulations. It is recommended that you check with your local building office to determine whether or not consent is required. As a leading timber design system the Icotherm Roof is approved by building inspectors, thus simplifying the building certificate application process.

### **Will the roof be too heavy for my existing frames?**

When compared to a glass roof, the Icotherm roof is only slightly heavier. In keeping with government guidelines, ensure the structure shows no sign of distress and that the existing foundations are adequate to carry the additional weight. In addition it is also important to check that existing windows and door frames are reinforced suitably.



### **Will an Icotherm roof match my house?**

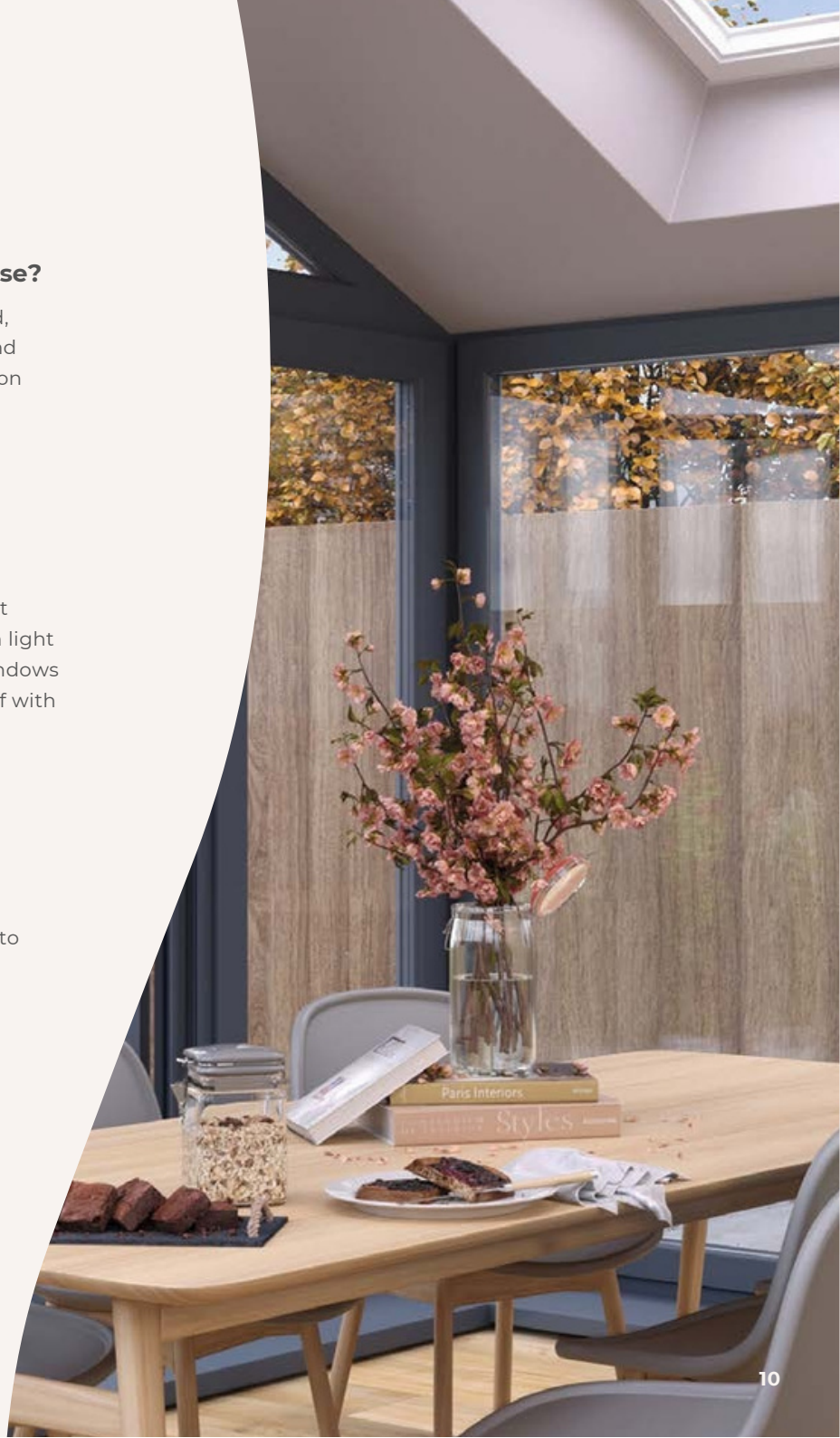
The Icotherm Roof can be bespoke designed, offering customers a range of both internal and external finishes, to provide a matching solution for your home.

### **Will my internal room feel darker?**

A tiled roof will ensure you lose the permanent glare and hot/cold spikes. A small reduction in light will follow, but you can opt to have Velux® windows fitted to compensate or opt for an Icoview roof with full glass panes incorporated.

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

The Icotherm roof structure is strong enough to stand on, providing all Health and Safety procedures are followed. Although we do recommend the use of a board or suitable covering to protect the tiles.





# Sheertherm

Manufacturing Ltd

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