

THE ULTIMATE
TIMBER
ROOF SYSTEM
FOR CONSERVATORIES
AND EXTENSIONS



Home Improvements Ltd



A warm and beautiful way of living

A WARM **Welcome**

Join the rapidly growing number of homeowners across the UK enjoying the beauty, elegance and performance of Warmer Roof solutions. Designed to be used on new sun room extensions or as a replacement to your existing conservatory roof and featuring a superb U-Value of 0.14W/(m²K) for excellent thermal efficiency. The highly insulated Warmer Roof will not only transform your home, adding value to your property and provide usable living space all year round.

The 'Warm Roof' design was conceived through the use of a unique modular pod system, pre-fabricated to speed up installation time and minimise disruption on site. The robust timber framework combats the risk of condensation in a way that similar aluminium structures can not, preventing issues in years to come giving total piece of mind.

All structural and building regulations are met thanks to careful design and engineering. The roof has been extensively tested and certified to ensure it not only complies but exceeds the current building regulation requirements for both structural and thermal performance.

Finished off externally with lightweight tiles, available in a wide range of colours to match your existing home. A clean internal plastered finish with optional spot lights and opening vents will make your new room no longer feel like a conservatory but a part of your home.



REDEFINING THE WAY **YOU LIVE**

Is your conservatory too hot in the summer months but freezing cold in the winter? This is the problem many homes are faced with, meaning they can only use their conservatory through certain months of the year or are faced with extortionate heating bills trying to keep their conservatory at a comfortable temperature.

The Warmer Roof solves this problem through the excellent thermal performance making it the warmest roof on the market. The roof structure consists of 125mm multi-foil honeycomb insulation combined with an additional 43mm insulated plasterboard. The high performance insulation will help keep your conservatory cool during the summer and retain heat during the cold winter months providing you with a comfortable room all year round whilst saving you money on your heating bills.



**“Finally, a room we
can use **all year round**”**

WHY CHOOSE A **WARMER ROOF?**



Thermal Performance

An exceptional U-Value of 0.14 W/(m²K) helps keep your conservatory cool during the summer and retains heat during the winter.



Building Control approved

The Warmer Roof has been tested and certified by JHAI, an accredited national building control approvals agency.



Quick Installation

Our unique, pre-fabricated modular pod system ensures a speedy installation with minimal disruption to your home and garden.



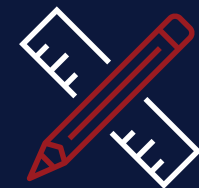
We are Eco-friendly

No construction material offers more environmental benefits than timber, and all of our timber is sourced from responsible companies with sustainable forest regeneration programmes.



Customisable

Make it your own with a choice of external and internal finishes such as soffit and pelmet details, roof glazing and tile options.



Bespoke Service

Fancy a change? Our specialist in-house design team will re-design your conservatory roof from scratch.

A HIGHLY INSULATED, LIGHTWEIGHT, TIMBER SOLUTION

Timber has been used as a construction material for thousands of years but its sustainability has seen its popularity grow, especially in the roofing industry. Timber is a far more effective insulator than aluminium due to tiny air pockets that minimise the heat conducting properties.

KEY BENEFITS



Premium materials

Our timber can grow for up to 120 years before harvesting. It's this slow growth that gives you distinctive durability and a premium finish.



No risk of condensation

Timber is a far more natural insulator than aluminium as aluminium is one of the best conductors of heat and therefore prone to cold bridging.



Versatile

Timber can be easily modified on site unlike aluminium. This can speed up the installation process should site conditions dictate changes in the installation.



Natural Insulator

Timber is a natural insulator. As a result, timber frame buildings are more thermally-efficient and require less energy, making them cheaper, easier (and greener) to heat.

“ Is **timber** really the answer?”

Just pop open your loft hatch and see for yourself the materials used for your house roof construction.



**JOIN THE THOUSANDS
OF HAPPY CUSTOMERS**



“
I am so glad we took the advice from family to use Warmer Roof. I feel like I have finally got the conservatory I have always wished for. I can even read my books in peace without hearing the rain hitting the roof! ”
Mr & Mrs Lavelle
Warmer Roof customer



5

“
I can't believe the difference its made! I can now make use of my conservatory throughout the year. It was always like an oven during the summer and freezing cold in the winter months

I have even recommended a Warmer Roof to all my family and friends. ”
Mrs Armstrong
Warmer Roof customer



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PRECISION, **INNOVATION** AND CRAFTSMANSHIP ROLLED INTO ONE

All our Warmer Roofs are constructed using a 'state of the art' German CNC Machining Centre. This provides a more precise timber cutting method allowing us to produce a high quality product whilst overseeing all quality control through ISO 9001 manufacturing systems. The roof is assembled by our highly experienced in house production team to ensure perfection is maintained

Warmer Roof prides itself in having some of the most highly skilled designers continuously producing innovative and exciting ideas to improve our product. If you want something completely different or would like to discuss the best option for you, speak to your friendly team for professional advice.

ISO 9001 (Quality Management Systems) and ISO 14001 Environmental Quality Management Compliant



Certificate No 328382020



Certificate No 328362020



Certificate No 328372020




VAULTED CEILINGS

Thanks to our structurally engineered steel corner braces which are completely concealed, you are able to have a clean vaulted ceiling without the need of Trusses, Tie bars / Tie wires on any pitched roof up to 5 x 5m.



Whether you have a conservatory or modern new build extension, Tapco Slate adds elegance and tradition to your Warmer Roof. With a textured surface and riven edges these tiles mimic the appearance of genuine slate but are much lighter in weight and are manufactured from a recyclable blend of limestone and polypropylene.

- ✓ As low as 12kg per sq metre
- ✓ Building Control standard
- ✓ Pre marked nailing and exposure guides
- ✓ Fully tested - fire rating wind, driven rain & water absorption.
- ✓ Easy to cut
- ✓ 40-year warranty

CHOOSE A COLOUR TO **COMPLEMENT** YOUR HOUSE ROOF TILES...



Stone Black



Pewter Grey



Brick Red



Red Rock



Chesnut Brown



Plum

STYLISH, DURABLE & LIGHTWEIGHT



Metrotile Shingle is a simple but elegant tile solution for your Warmer Roof. Made from galvanised steel sheet with a stone-coated finish these tiles are practical, economical and sustainable. Metrotiles Shingle have been designed with a unique "hidden-fix" system leaving no nail exposed, preventing rainwater from corroding the nails.

- ✓ As low as 6.1kg per sq metre
- ✓ Building Control standard
- ✓ Hidden Fix System
- ✓ Rigorously tested to withstand harsh weather conditions and vandalism
- ✓ Highest possible external fire resistance rating
- ✓ 40-year warranty

CHOOSE A COLOUR TO **COMPLEMENT** YOUR HOUSE ROOF TILES...



Charcoal



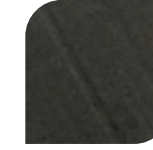
Antique Red



Moss Green



Burnt Umber



Ebony



Iron bark



Scarlet



Bister Brown



Coal Black

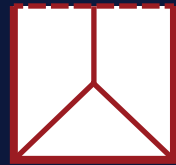
LIGHTWEIGHT & SUSTAINABLE

DESIGNED TO FIT ALL SHAPES AND SIZES

The ultimate conservatory roof replacement system also perfect for new build extensions.

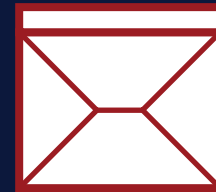
Thanks to our unique pod system and innovative design, the Warmer Roof can be adapted to all roof styles. Our timber frame allows us to create completely bespoke designs suited to the space you have available.

STANDARD ROOF OPTIONS



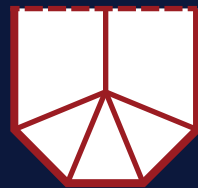
Edwardian

A simple but effective shape made up of three sides sloping towards ridge.



Double Edwardian with box gutter

Double sided Edwardian with aluminium box gutter fixed directly to house wall.



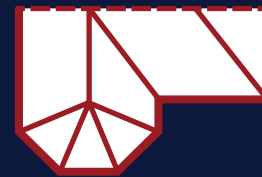
Victorian

One of the most popular shapes. Made up of three angled facets to front of conservatory.



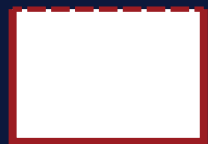
Victorian 5 Bay

Same shape as a standard Victorian with the addition of two extra hips giving you five angled facets to front of conservatory.



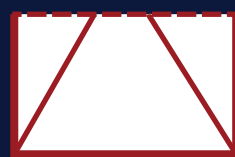
P-Shape

A bespoke roof, combining any two styles.



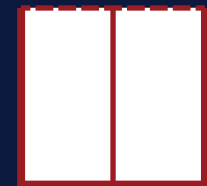
Lean-to

A simple, mono pitched roof offers clean lines. Perfect for adding large opening vents.



Hipped lean-to

Same shape as a lean-to with the addition of two hips creating two extra sloping sides.



Gable

A contemporary look with the option of a glass gable frame to front to maximise natural light.

BEAUTIFUL INSIDE AND OUT





When making an investment to your home, it is vitally important you can trust the product you are purchasing. With a Warmer Roof you can be sure to receive a tried and tested roof system, fully approved.

PEACE OF MIND



Warranty

10 Year manufacturing warranty.
40 year tile manufacturers warranty.



Building control compliant

Be assured your roof is approved by Building Control. Certification granted upon application.



Tested and approved

Structurally approved by our own specialist engineers.



Genuine product

All our roofs are delivered in sign written vehicles so you know a genuine Warmer Roof product is at your door step.

WARMER ROOF FULLY COMPLIES WITH CURRENT BUILDING REGULATIONS

Your Warmer Roof has been independently tested and certified by JHAI, an accredited national building control approvals agency. These tests involved detailed analysis and verification of the roof system from independently sourced structural calculations, along with further assessment checks on thermal performance and condensation risk analysis.





FALL IN LOVE WITH YOUR

CONSERVATORY AGAIN



A WARM ROOF WITH GREEN CREDENTIALS

WE TREAT THE ENVIRONMENT LIKE OUR BEST FRIEND...



Clean air

Think of trees as the world's air filtration system. Every day, through photosynthesis, forests all over the globe ingest CO², locking in the carbon, and generating fresh oxygen. Over a year, just one acre of forest will absorb twice the CO² produced by an average car.



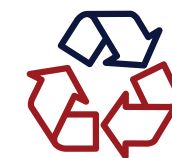
Energy efficiency

The energy used to harvest, process and deliver the timber for our roofs is extremely low. This reduces the typical embodied carbon footprint of a timber structure. We use a state of the art wood burner, with an emissions regulator to produce energy for factory (hot water and heating)



Wood shavings

All our wood shavings are collected and bagged up for distribution. We supply to small local businesses free of charge.



Minimal waste

We use recycled materials during production to dramatically reduce waste to landfill. Södra's timber mills use everything harvested. Approximately 50% of log volume becomes sawn timber. The rest is used by the pulp industry and wood board industry



Planting

All timbers in our production process are sourced from companies involved in using timber from replenishable forest programmes and where 3 trees are re-planted for every one used. Harvesting and replanting forests sustainably, keeps the tree stock young and growing, which maximises the capture of carbon.



CO² absorption

Trees absorb most CO² whilst they are growing, then as they age absorption declines. Each cubic metre of timber locks in about a tonne of carbon. Unless wood is either burnt or rots, the carbon remains safely stored.



Wildlife

Before deciding which trees to fell, our timber supplier will fly drones to identify zones that should be left alone. By leaving certain areas of woodland undisturbed, we ensure that wildlife continues to flourish.



Exceptional performance

There is no construction material available that offers more environmental benefits than timber does. Renewable, non-toxic, recyclable, bio-degradable and forests absorb CO². Creating timber also uses far less energy than steel or aluminium.

THE WARMER ROOF BUILD UP



“

WE WILL TRANSFORM
YOUR ROOM, PROVIDING YOU WITH
**ALL YEAR ROUND
LIVING SPACE**

”

..... 100% SUCCESS



**EXTERNAL SOFFIT
DETAIL**



**MAKE IT
YOUR
OWN**



**INTERNAL PELMET
DETAIL**



GLASS PLATES
ONLY AVAILABLE WITH TAPCO



GABLE OVERHANGS

**CUSTOMISE
INSIDE AND OUT**

“ OUR CONSERVATORY
NOW FEELS SO
**LIGHT AND
SPACIOUS** ”



10
YEAR
GUARANTEE

FASTER **WARMER**
ULTRA-MODERN

Patented innovation

Keylite's unique integrated Expanding Thermal Collar insulates the frame within the roof providing exceptional thermal performance and protects against condensation and mould. Other unique features such as pre-fitted Flick-Fit Brackets simplify the installation, while the Sash Hinge Finger Spring's ensure minimal effort is required to operate and maintain the Roof Window.

Extra performance

Keylite provides all of its great features as standard. Other roof windows may require the use of accessories at an additional cost in order to achieve the same performance as Keylite.

More choice

Keylite Roof Windows provide you with more choice when selecting the right window for your conservatory. There are innovative upgrades available such as Solar Powered Windows, allowing you to operate day and night without the need for mains electricity.

Award-winning

Warmer Roof are proud to supply windows from the award-winning Keylite, giving you peace of mind on receiving a quality Roof Window that will surpass all expectations.



Approved

Keylite Roof Windows has gained certification from the relevant national bodies giving you confidence that Keylite is the correct window choice for your project.



WINDOW OPTIONS

15°
MIN
550 x 780 / 780 x 980
Standard sizes

Manual Operation

White Painted Pine , Centre Pivot



Features



Attractive Styling

White painted pine internal finish.



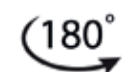
Window Opening Pole

open your overhead roof window with ease. Pole size: 2m



Fresh Air

One click on the top handle provides ventilation, pull further to open for fresh air.



Easy Cleaning

Window rotates 180° to clean the glass from inside the room.

Electric Operation

White Painted Pine , Centre Pivot



Features



Rain Sensor for Auto Closing

Smart rain sensor will automatically close the window in the event of rain, even when you are away from home.



Handheld Remote Control

Control your roof windows at the touch of a button. Ideal for hard to reach areas.

Solar Operation

White Painted Pine , Centre Pivot



Features



Rain Sensor and Auto Closing

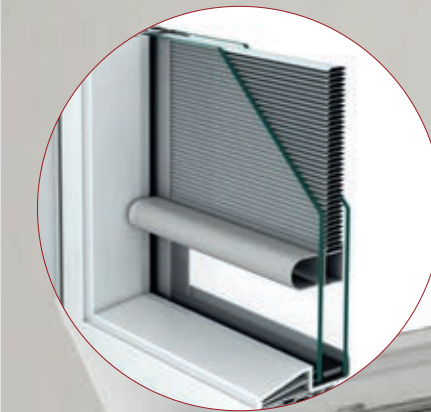
Smart rain sensor will automatically close the window in the event of rain, even when you are away from home.



Handheld Remote Control

Control your roof windows at the touch of a button. Ideal for hard to reach areas.

Solar Roof Windows harvest solar energy which is retained in the roof window's battery system. With no need for mains electricity, the Solar Powered Roof Window harnesses this energy allowing you to operate your windows day and night.








INTEGRAL BLINDS

As the blind is sealed within the glazing unit, it requires no cleaning as it is housed in an entirely dust free environment. The blinds can be operated by a handheld remote control and are also available with manual operation. The manual blind is available in blackout fabric while electric blind is available in dimout fabric only.



BLACKOUT BLINDS

Create atmosphere in your room with our collection of black out blinds. All blinds come with a slim aluminium side rail for smooth operation and a clean classic look. The enclosed cassette protects fabric from discolouration and eliminates glow around the edge. The blinds will reduce heat loss by at least 20% (BBA Tested), giving even more thermal benefits to your room. All blinds are available with manual, electric and solar operation. Electric blinds will require an electric operated roof window.

-  White B51
-  Black B54
-  Beige B52
-  Grey Whisper B09
-  Sandstone B33
-  Fossil Grey B03

**STUNNING INTERIORS
THAT TRANSFORM
YOUR HOME**

Lighting



Adding internal spot lights will make your new room feel like part of your home as well as providing extra light.



STYLISH SOFFIT DETAIL



SUBTLE & STYLISH FLAT ROOF SYSTEM

With unrivalled looks and thermal performance, the Warmer Flat Roof System combined with a glass lantern will bring stylish ambience to your home whilst maximising natural light providing you with a bright and airy living space.

Covered externally with Firestone EPDM rubber for extreme durability and complemented with a contemporary soffit detail, perfect for adding spot lights.

BRING STYLE TO YOUR HOME

Create the sense of clear free space in your room with our slim and contemporary profile adding style to your home. From the outside, Warmer Roof's discreet design for rafter external caps and slimline ridge are a world apart from the chunky conventional T-bar caps and ridges used by competitors. This unique design creates a feeling of more sky less roof, giving you visible elegance to your roof design and appearance, whether you choose aluminium or PVCU cappings.



MORE SKY LESS ROOF

A FEW QUESTIONS WE OFTEN GET ASKED

Will a new roof really improve the temperature inside my conservatory?

Yes certainly! A Warmer Roof will dramatically change the temperature making your room much warmer during the winter and cooler throughout the summer allowing you to enjoy your conservatory all year round.

Will my new frames withstand a new roof?

A Warmer Roof is more or less the same weight as a glass roof. In accordance 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. We advise on installers checking the footings and adding reinforcements to frames if necessary.

Will my new room feel darker inside?

A reduction in natural light will occur when replacing your existing roof. Adding opening roof lights with internal lighting will make your room feel bright and airy.

Will my new roof be strong enough to stand on to clean house windows?

Yes, your Warmer Roof is strong enough to stand on but we advise on all health and safety procedures being carried out prior to doing so.

Can i make the appearance of my new roof blend in with my house.

Absolutely, you can customise your Warmer Roof with a range of tile options, gutter and fascia colours to blend in perfectly with your existing home

Will a new roof reduce the noise i can hear from outside?

A Warmer Roof will substantially reduce external noise especially as the roof insulation itself has acoustic performance properties. This considerable noise reduction will allow you to be more relaxed especially during inclement weather.

Is condensation really a problem with other roof systems?

Yes, condensation build up within the roof structure can cause you endless problems down the line such as damp patches, leaks and plasterboard cracking. Our wooden structure combined with our exceptional thermal performance can be sure to put your mind at ease.

Do i need Building Control approval?

Generally Building Control is required but it is wise to consult with your local council Building Control department as Building Control opinion can vary from council to council Warmer Roof has full JHAI Building Control accreditation so this makes Building Control applications less complicated as an approved roofing system is being used.

BEWARE OF CLAD OVER ROOFS

Wrap Over, Wrap under, Wrap Around, also terms used to describe a roof comprising of materials to insulate and cover either internally, externally or both. This procedure will never involve completely taking down your existing conservatory roof which can cause huge structural problems to your property and potentially be extremely dangerous.

Conservatory roofs are only engineered for their original purpose. Whether it is glass or polycarbonate, your existing roof is designed to withstand heavy snowloads and high winds and should not have any additional materials added to change the appearance. Solid roofs need to be much more rigid therefore any original rafters and ridges must be completely removed to avoid leaks, cracked plasterboard or even worse..... from falling down!

Sadly, since the growth of this new lucrative market, numerous companies have started up carrying out non conforming alterations. Generally these types of roofs do not conform with LBC requirements and may have to be removed if you come to sell your property in the future.



TOP TIP

Ask your installer " will my old roof be COMPLETELY removed?" Watch the initial part of the installation to make sure this happens. There should be no old components left sitting on your frames before new roof is added.



THE DANGERS OF CLAD OVER ROOFS



Structural integrity

Structural integrity is vital for the safety of you and your family. NO structural calculations are carried out for Clad Over roofs.



Condensation

leaving in original aluminium bars will create condensation issues due to there being NO thermal barrier. this will create leaks, damp patches and plaster cracks.



Suitable fixings

Your existing conservatory roof has NO fixing solution for a clad over roof. Drilling into existing bars can have extreme effects to the structural integrity of the structure.



Building Control

Generally Clad Over roofs do NOT comply with building regulations due to their low thermal performance and lack of structural calculations.



Natural light

Clad Over roofs come without the option of glass panels or opening vents which will remove the option for any additional light.



Investment payback

Adding a solid roof to your conservatory will add value to your home. A Clad Over WILL NOT. You may need to completely remove your Clad Over roof when you come to sell your home.



SAY **NO** TO CLAD OVERS FOR THE **SAFETY** OF YOU AND YOUR FAMILY!

DO YOUR **RESEARCH** BEFORE YOU **INVEST..**



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