

Design,  
Manufacture  
and Installation  
by 2Hot2Cold

*Make your First Choice,  
the Right Choice*

TILED WARM ROOFS



ORANGERY ROOFS



MODULAR HOME EXTENSIONS



CARPORTS



| Creating All Year Round Living Spaces...





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# Welcome to Leka

## About Us

LEKA is a UK based systems company, specialising in the design of market leading home improvement technology that provides tomorrows products..... today, whilst creating all year round living spaces .

Our innovative, engineered systems are built with our customers needs at the forefront of development. Our team, manufacturing partners and nationwide installer network support the LEKA values, believing in offering the best system for every customers needs.

“

LEKA have created an innovative systems range that rivals the market segment we operate in. Our customers needs are at the core of our development and we create all year round living spaces for decades to come.

LEKA Systems

”



## Several Systems

With several uniquely designed systems, including Conservatory Warm Roofs, Orangery Flat Roofs, Xi Modular Home Extensions and Carports, LEKA has a product to suit virtually any premium project requirement.

# Tiled Warm Roof



# All Year-Round Living

*Streamlined & Compliant*

If you're looking to transform your conservatory into a comfortable, usable living space all year round, a LEKA Warm Roof System is the perfect solution. Expertly engineered with high-performance insulation and thermally efficient materials, a LEKA conservatory warm roof enables you to enjoy a naturally balanced conservatory without succumbing to cold drafts in winter or stifling heat in summer.

With tens of thousands of happy homeowners enjoying the benefits of their LEKA warm roof, and benefiting from a LEKA 40 Year Warranty, our customers are the voice of our brand. Designed with skill and precision, the LEKA System is built to last for decades.



## NO TIMBER, ALUMINIUM OR STEEL!

Traditional materials all have their own individual risks and weight disadvantages. Timber will always retain a permanent moisture content, absorb moisture and be at risk of shrinkage, wood rot and decay.

Steel and Aluminium products are very good conductors, which leads to excessive heat transfer. Metal products also condensate a lot easier, leading to water droplets entering a roof space.



## LEKA ROOF SYSTEM

The LEKA roof solves these issues by having an engineered design and fully composite layered system. Each individual layer is 100% water proof, weather proof, thermally efficient, lightweight and structurally tested.

*Create a Functional  
Living Space*

## *Trust the Experts* **Benefits of LEKA Warm Conservatory Roofs**

### **Superior Thermal Performance**

Leka's innovative composite roof construction featuring rigid polyisocyanurate (PIR) insulation core, achieves phenomenal U-Values as low as 0.10 W/m<sup>2</sup>K for maximum all weather comfort and energy savings.

### **Beautiful Realistic Tiles**

LEKA lightweight roofing tiles replicate the textured finish of natural slate or concrete tiles while weighing a fraction of traditional materials, available in a wide variety of colours.

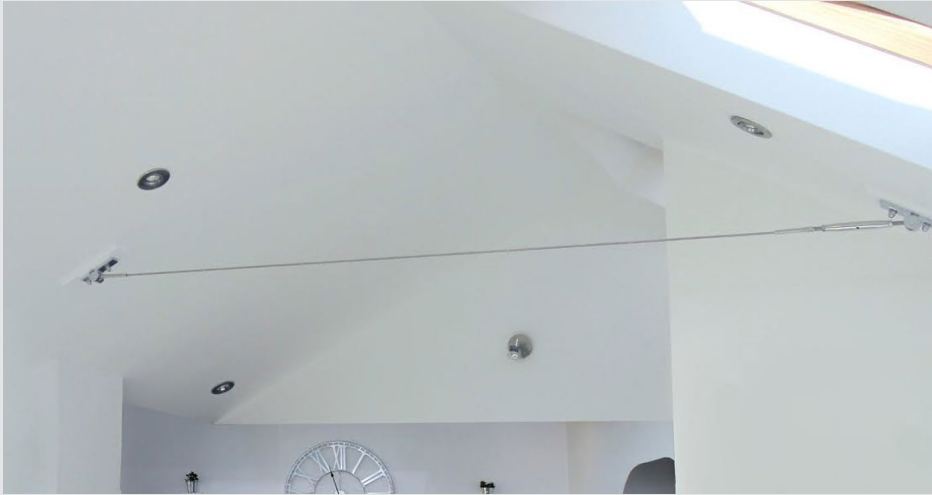
### **Added Living Space**

Transform wasted space into a functional room with a warm roof conservatory perfect for dining, entertainment, play area, home office or more.

### **Increased Property Value**

Insulated roof conservatories can add up to 10% to your properties value, and set your home apart with a stunning showpiece filled with usable space.





## Proven & Robust Construction

With tens of thousands of LEKA roofs installed over decades, across extreme weather regions, LEKA's engineered thermally broken structure withstands the elements.

## Hassle-Free Installation

LEKA roof systems retrofit onto existing conservatory frames with minimal disruption to your home or garden, with most installations completed in only a few days.

## Complete Peace of Mind

LEKA warm roofs are type approved, meeting stringent UK building regulations for complete assurance and peace of mind. Enjoy industry-leading 40 year warranties (T&Cs apply).

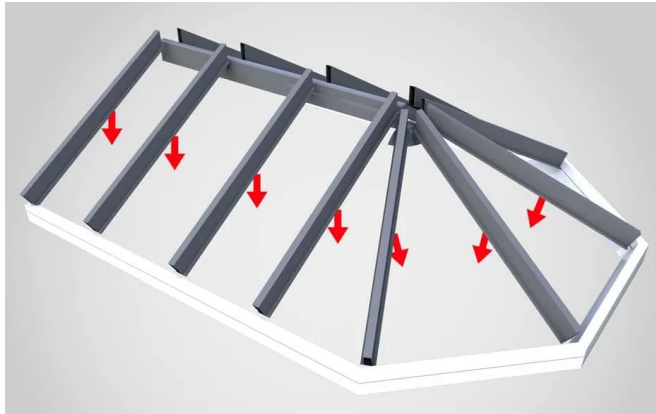
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**Note:** certain products within the Leka roof system are not supplied directly from LEKA and are not included in the 40-year product warranty.





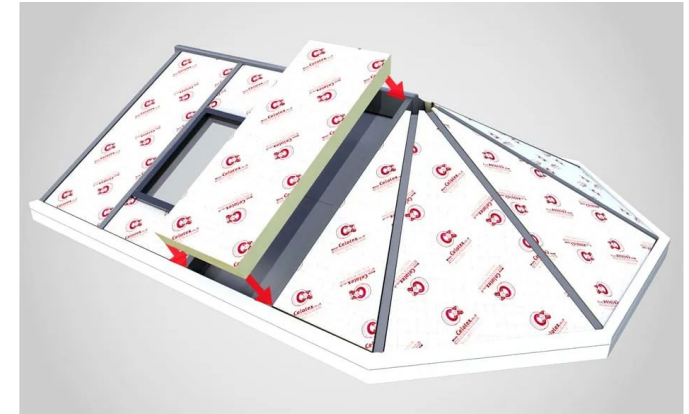
## Tiled Warm Roofs The Breakdown



### Step One LEKA GRP Rafters

First, 'Glass Reinforced Plastic' rafters are added to your existing, or new conservatory window frames, including a GRP structural ring beam and ridge. GRP has a higher tensile strength than steel and is not prone to:

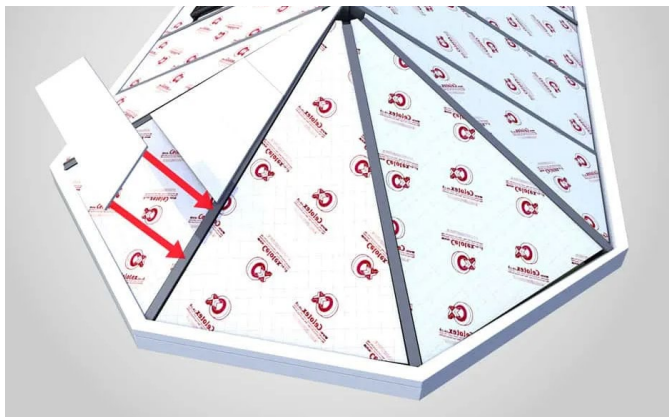
- Wood worm or rot (such as timber)
- Moisture absorption & expansion (such as timber)
- Condensation (such as aluminium or steel)
- Thermal bridging (such as aluminium or steel)



### Step Two PIR Insulation

PIR high-grade insulation sheets are snugly fitted with a 15mm gap from the internal LEKA sheets. PIR is one of the UK's leading insulation products, providing high value thermal efficiency and most insulation is BBA approved. This product is an added roof insulation benefit that increases the roofs efficiency level.

ECO options of LEKA roofs are provided with EPS polystyrene. Please check with your installation company prior to purchase, to discuss your options.



### Step Three

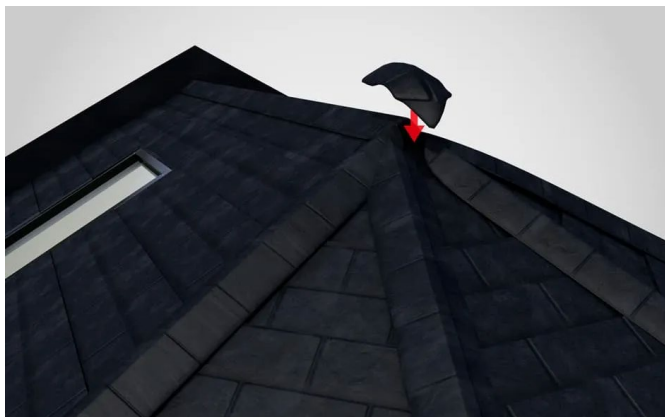
## LEKA External Boards

Next, strong, load-bearing and insulated outer sheets are added. These ensure less roofing bars and higher efficiency.

The LEKA external boards have been engineered to offer:

- A structural alternative to plywood or OSB
- A significantly lighter alternative to wood alternatives
- A 100% waterproof & weatherproof outer covering
- A thermally efficient board that promises results

The LEKA external boards are then covered with breathable membrane to add an additional weather proofing option.



### Step Four

## Outer Weatherproof Coating

An outer weatherproof lightweight tile finish is applied.

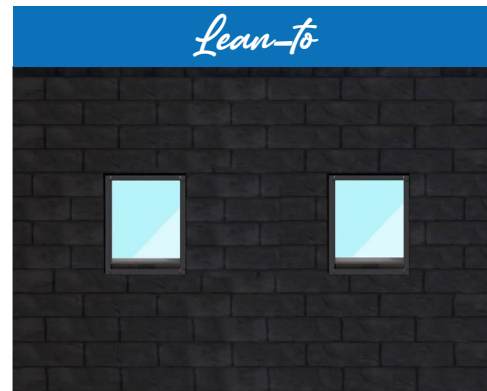
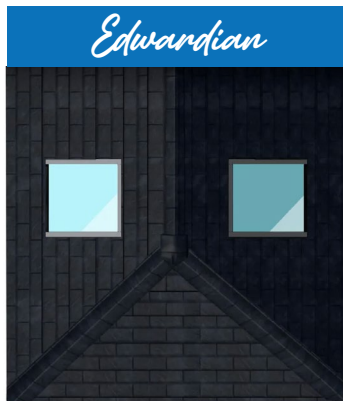
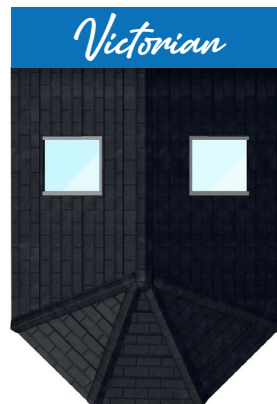
A stylish choice of composite slate or lightweight shingle concrete replica tiles complement the LEKA conservatory roof.



*Tiled Warm Roofs*

## Conservatory Roof Styles

Browse a small variety of roof design options that can be installed with the LEKA roof system. Virtually any design and orientation of roof can be achieved with the innovation of a LEKA.



### Structurally Advanced

The LEKA Roof solves the challenge that all conservatory roof replacements need to adhere to. With a lightweight, structurally advanced GRP system, lightweight structural external LEKA boards, interior lightweight LEKA sheets, high-grade insulation and lightweight engineered tiles, the LEKA system is built to acknowledge these challenges.

NO aluminium, steel, timber or heavy insulated plasterboards. Avoiding condensation risks, rot, degradation and possible structural failure.

### Truly Lightweight

Using glass reinforced plastic allows for a structurally tested and far lighter alternative to aluminium and timber based systems. This creates a truly lightweight conservatory roof that is years ahead of the competition.

LEKA engineering focuses on thermal efficiency properties and structurally sound systems that have been tested via external UKAS accredited facilities to ensure third party approval.





## LEKA GRP Structure

GRP is used to manufacture the LEKA roofs ring beam, rafters and ridge because it has an exceptionally high strength to weight ratio and high flexural strength.

GRP never corrodes, it is impervious to common chemicals, greases and oils, it is non-conductive, non-sparking, and non-shrinking. Industry leading, PATENTED and protected, LEKA strive to maintain high standards and provide customers with a better solution for their needs.

## LEKA Boards & Insulation

The LEKA roof internal boards are one third of the weight of plasterboard and external LEKA sheets that are stronger and lighter than plywood or OSB timber. PIR insulation sheets are installed on top of the internal LEKA boards with a 15mm gap. This creates a warm air barrier to guarantee thermal efficiency. The PIR sheets, internal and external LEKA boards are lightweight, water proof, weather proof and insulated.

## Engineered Tiles

Extensive engineering time goes into developing the LEKA lightweight tiled conservatory roof and completing the market leading system, the solution required engineered tiles, which are strong, durable and available in a wide range of different colours.

Our partners offer a range of tiles, which mimic slate & concrete examples. These are lighter than real concrete or slate tiles but just as durable. They are suitable for low roof pitches and importantly, they look authentic and offer a close match to the existing roof on most homes for aesthetic continuity.

## Safety Factor

LEKA can cater for virtually any roof design and orientation and with little restrictions, other than the pitch of the roof to be installed, or what lies beneath your existing conservatory roof which is governed by the rules of physics our network provide a proactive approach.

The LEKA network prides itself on providing the very best added value service, whilst ensuring all projects are safe and fit for purpose.





*Tiled Warm Roofs*

## Large Range of Tiles

### Composite Slate Tile

For centuries, slate roofing has been desired for its durability and beauty. With authentic surfaces and edges, Lite Slate highlights the handsome character of slate, at the same time enhancing roof performance through innovative design. Unlike natural slate, Lite won't break or delaminate, and comes with a 40-year Warranty of its own.

BBA Certified Lite Slate gives you the power to evoke both historical elegance and outstanding modern-day style.

*Authentic range of external roof finishes*

### Composite Shingle Tile

Offering the rooftop quality and style for which is renowned across the country.

This is because the hidden-fix design leaves no nail exposed, preventing rainwater from corroding the nails, a common weakness of traditional vertical cladding. Tiles are available in a variety of colours, and can be fixed from vertical, down to a minimum pitch of 15°.

It is the ideal profile for those looking for a simple and elegant roofing solution.



## Key Benefits

# Slate Tiles

- » Looks extremely authentic.
- » Choice of colours.
- » Traditional colours are stocked and available.
- » Minimal Wastage. Breakage is negligible when handling/cutting/fixing. Natural slate may incur 5-15% breakage/shrinkage factor depending on the quality.
- » Lightweight... from only 12 kgs/sq. metre (half the weight of natural slate). Very useful for re-roofing applications where timbers may be suspect, or when designing the loading specification for a new roof.
- » Slates are marked with nailing and exposure guidelines and horizontal spacers, which helps to maintain integrity when fixing.
- » Dimensionally accurate... no need to sort for thickness before loading the roof. Natural slate can vary in thickness, causing gapping, and subsequent breakage if walked on.
- » Packs of 25 mean easier handling and quicker roof loading.
- » Product doesn't crack or split, particularly when cutting for hips, valleys, etc.



## Colour That Lasts

Our slates are created with moulds cast from real slate to capture genuine peaks, plateaux and curves. Colour-through design and UV stabilisation ensure "stay-true" richness for traditional colours such as Pewter Grey and Plum, bold tones like Brick Red and unique selections such as Emerald Green and Grey/Black blended tiles.

Slate Mixes are another feature of our unique colour choices, they deliver uncommon elegance through boldly-appealing multiple colours to turn your roof into a work of art. Just a few of the colour examples are visible below.





## Key Benefits Shingle Tiles

- » British made
  - » Designed to give a traditional shingle appearance
  - » Lightweight
  - » Low pitch
  - » Good vandal resistance
  - » Quick installation
  - » Cost effective
  - » Virtually maintenance free
  - » Extensive range of accessories and flashings available
  - » Fully dry-fixed
  - » Guaranteed for 40 years against weather penetration
  - » Full technical support available
- » Up to 7 times lighter than traditional roofing materials
  - » Lightweight roof places significantly less weight and stress on supporting structures and foundation
  - » Tiles are pressed from the highest quality steel for strength & higher performance than traditional
  - » Every installation comes with a unique 40 year weatherproof guarantee
  - » Good vandal resistance
  - » Roof generates no more noise than a roof built from traditional materials
  - » Meet British and European Standards
  - » Tested to withstand the most extreme weather conditions
  - » Each tile is 100% recyclable
  - » Can be used on pitches as low as 10 degrees



“ LEKA systems are proud to partner with MFA Building control. Their attention to detail, knowledge and decades of experience have gained installer confidence and consumers satisfaction, successfully issuing completion certification on thousands of projects across the UK each year.

LEKA Systems ”



# Building Regulations

## What are Building Regulations?



Building Regulations are codes that set standards for the design and construction of roofing systems, home extensions and home construction of most kinds.

Not all conservatory roofs need to follow Building Regulations, but solid conservatory roofs and newbuild home extensions do, because they are classified as permanent fixtures and changes a conservatories use.

This means a solid conservatory roof or home extension, needs Building Regulations approval, but that does not necessarily mean a series of prolonged processes – this can be streamlined with a system that has pre-approval from an Approved Building Control Inspector.

The LEKA replacement conservatory roof and LEKA Xi modular home extension is a prime example, approved by MFA Building Control and enabling installers to engage directly to help achieve completion certification faster.

The LEKA Solid Conservatory Roof, Orangery roof and LEKA Xi is approved by MFA Building Control, one of the country's oldest established Approved Building Control Inspectors. This enables LEKA system sign-off without having to engage local Building Control.

By choosing the LEKA Roof, or Xi Home extension, you automatically comply with Building Regulations, with your replacement conservatory roof and extension walls / base pre-approved by MFA.



## Roof Vents

The Leka roof system can be complimented by a number of highly engineered roof vents to suit your properties orientation, appearance and light requirement. Roof ventilation also helps your space remain fresh when additional air movement is sought after in particularly aggressive weather environments.

The ambient lighting section is fine, however the roof picture on the bottom is not a tiled roof, it's an orangery and will need changing

## Ambient Lighting

For the perfect touch to any room, ambient lighting is the perfect compliment. With our wide range of spot lighting, positioned to the most optimal places. This will allow your new room to be enjoyable from morning til night.



## Tie Wire

A new visible slimline tie wire solution is available for your Leka System. This is 'optional' and replaces the need for the Leka GRP Tie bars regularly used.

Selecting a tie wire for your specified conservatory roof provides better visual benefits for gable ended roof products for example, allowing your gable end frame to continue to the roofs ridge point.

Not only are there visual benefits, but having a tie wire installed as an alternative to our tie bars will allow the internal roof line of the Leka System, to carry through up to the ridge point. This increases the volume of your conservatory and provides additional internal roof height.



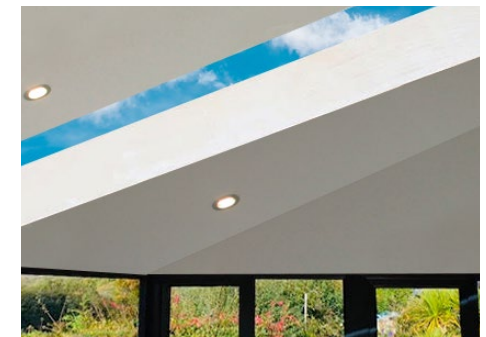
## Leka Skylight System

The Leka SKYLITE system has been engineered to enhance your Leka Roof.

Providing additional light into your room, these slimline energy efficient units offer the best of both worlds. Sunk into your roof, creating a modern finish, the SKYLITE is designed to perfection.

Unit sizes can be bespoke in height but restricted to a maximum of 800mm wide.

Having bespoke size options, offers flexible alternatives to opening roof vents.





# Thermal Efficiency

If your conservatory has a glass or polycarbonate roof, it is not as thermally efficient as it could be. You may have noticed your conservatory gets too hot in the summer and too cold in the winter. This is because of inadequate insulation.

You may even have a draught coming from the roof. This is because of gaps between materials. In older systems these often form over time due to a loss in roof rigidity. In newer systems poor design is the lead cause.

By and large though, most roofing systems have poor thermal efficiency because they are not well insulated. The by-product of this for you is your conservatory is too hot in the summer and too cold in the winter. The Leka Roof's solid construction is insulated like the roof on your house. This is much better for thermal efficiency and temperature regulation.



# Orangery Roof



*Bring light and luxury  
to your home*

## Orangery Roofs

# Industry Leading, Warm Orangery Roof Systems

The LEKA orangery roof conversion kit replaces existing fibreglass, traditional build, glass or polycarbonate roofing products with a lightweight, thermally efficient, structural Orangery roof replacement system.

The LEKA orangery kit is designed for homeowners and built for the trade. It's incredibly lightweight, easy to install and complies with building regulation U-values. There are no aluminium or timber components in the build. The LEKA System is built from four simple ladder kits made from structurally tested GRP (glass reinforced plastic).

- » Installed in Days
- » Lightweight
- » Energy Efficient
- » 10,000+ Transformed Homes
- » Building Control Approved
- » 40-Year LEKA Warranty
- » UK Installation Network
- » Factory Assembled



## Designed For Home Owners

The orangery kit is designed for homeowners and built for the trade. It's incredibly lightweight, easy to install and complies with building regulation U-values. There are no aluminium or timber components in the build. The Leka System is built from four simple ladder kits made from GRP (glass reinforced plastic).

If you're looking to upgrade, replace or convert an orangery roof, our orangery roof conversion kit is up to 40% lighter than competitor products. It's the cutting-edge roofing system of choice for many installation companies and homeowners because of this. When only the very best will do, the Leka System delivers.



*Incredibly Lightweight  
& Easy to Install*

# Leka Bespoke Orangeries Interiors

Allow your garden or home to be more a part of your properties conservatory/orangery. A Leka orangery can be suited to most applications and create a fantastic addition to your living space for whatever you require it for.

Open up the frontage perhaps or knock through into a kitchen creating open plan dining.....the choices are endless. Speak with the team and find out just how a Leka orangery kit can create a grand dwelling at a cost effective price.



*Trust the Experts*

## Benefits of LEKA Orangerie Roofs

### APPROVED

The LEKA Roof has been designed & engineered to exceed all Building Regulation requirements. MFA Building Control, a Registered Building Control Approver licensed by the Government, has assessed & fully approved the LEKA System.

### LIGHTWEIGHT

A fully structurally tested composite system, each layer carefully designed to help maintain a lightweight structure whilst ensuring protection against virtually any weather condition.

### PATENTED

The LEKA orangerie roof system is proudly protected by GB patent no. 2538540 and is one of the most innovative roof systems in the UK marketplace today.

### NO CORROSION

No Wood or Timber based products, so no corrosion, rot or decay. Backed up by the industry leading 40 YEAR LEKA Component Warranty.

### NO CONDENSATION

No Aluminium or Steel, so no condensation or thermal bridging, eliminating potential water ingress and plaster damage.

### ENERGY EFFICIENT

The LEKA roof achieves an industry leading U Value (Energy Value) as low as 0.10. Exceeding Building Regulations Requirements and providing tomorrows systems...today.



*Create a bright & airy space*



## TIMBER, ALUMINIUM OR STEEL?

Traditional materials all have their own individual risks and weight disadvantages. Timber will always retain a permanent moisture content, absorb moisture and be at risk of shrinkage, wood rot and decay.

Steel and Aluminium products are very good conductors, which leads to excessive heat transfer. Metal products also condensate a lot easier, leading to water droplets entering a roof space.

## LEKA ROOF SYSTEM

The LEKA Orangery roof solves these issues by having an engineered design and fully composite layered system. Each individual layer is 100% water proof, weather proof, thermally efficient, lightweight and structurally tested.

## New Build or Upgrade

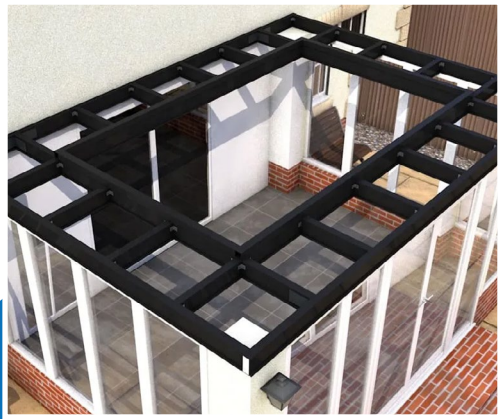
If you're looking to upgrade, replace or build an orangery roof, our orangery roof conversion kit is up to 40% lighter than competitor products. It's the cutting-edge roofing system of choice for many installation companies and homeowners because of this. When only the very best will do, the LEKA System delivers.

The LEKA System is approved by MFA, the licensed building inspector and is proven to outperform and outlast most systems.



# Orangery Roofs

## The Breakdown



### Step One

#### LEKA GRP Rafters

First, 'Glass Reinforced Plastic' rafters are added to your existing, or new orangery window frames, including a GRP structural upstand. GRP has a higher tensile strength than steel and is not prone to:

- Wood worm or rot (such as timber)
- Moisture absorption & expansion (such as timber)
- Condensation (such as aluminium or steel)
- Thermal bridging (such as aluminium or steel)



### Step Two

#### PIR Insulation

PIR high-grade insulation sheets are snugly fitted with a 15mm gap from the internal LEKA sheets. PIR is one of the UK's leading insulation products, providing high value thermal efficiency and most insulation is BBA approved. This product is an added orangery roof insulation benefit that increases the roofs efficiency level.

ECO options of LEKA roofs are provided with EPS polystyrene. Please check with your installation company prior to purchase, to discuss your options.



### Step Three

#### LEKA External Boards

Next, strong, load-bearing and insulated outer sheets are added. These ensure less roofing bars and higher efficiency.

The LEKA external boards have been engineered to offer:

- A structural alternative to plywood or OSB
- A significantly lighter alternative to wood alternatives
- A 100% waterproof & weatherproof outer covering
- A thermally efficient board that promises results



### Step Four

#### Outer Weatherproof Coating

An outer weatherproof coating is then applied. This can be a choice of EPDM rubber or Fibreglass.

A stylish finish is created, ensuring your Orangery roof is the ultimate in watertight insulation that you can use all year round.



## Step Five Glass Lantern

A glass lantern is then constructed onsite, adhering to installation guidelines supplied by the glass lantern manufacturer.

The glass lantern will allow light to flood through into the Orangery and provide an elegant looking finish.



## Step Six Fascias & Guttering

UPVC fascias and capping are now attached onto the edges of the structure.

This then allows guttering to also be attached onto the UPVC fascias capping as an optional step.



## Step Seven Internal LEKA Boards

Next, internal Leka sheets are added underneath the GRP rafters. The Leka sheets are 100% waterproof and one third the weight of plasterboard.

These sheets have unique thermal qualities as well, but allow for a traditional plaster skim finish to provide a nice visual aspect ready for painting afterwards.

For a more traditional cost effective finish, standard 12.5mm plasterboards or the LEKA Ecotech lightweight insulated plasterboards can also be utilised as part of the Leka ECO range which (in most cases) doesn't affect our exceptional U values which are offered from 0.10.



## Step Eight Internal Plaster

The underside of the roof then has a high quality, traditional skim plaster finish applied.

Low energy spotlights can then also be fitted for the best possible interior lighting.

*All Year Round  
Living Space*

# Modular Home Extensions



## *Xi Modular Home Extensions* **Saving Time, Mess And Stress**

Typically installed on either concrete pads or structural ground screws, the LEKA Xi saves time, mess and stress when considering a new build Home Extension or single storey extension.

Carefully engineered by LEKA, the Xi has helped installers reduce their customer lead times, improve efficiency and reduce the need for heavy ground works. Completely bespoke designs and fixed overall pricing provides customer peace of mind when choosing an Xi.

Create that additional dream living space with the energy-efficient LEKA Xi Modular Home Extension System. Whether you're upgrading an outdated design or building a brand-new Home Extension, LEKA Xi offers unparalleled quality, performance, and style.



## *Xi Modular Home Extensions*

# Why Choose the LEKA Xi Home Extension System?

1. Insulated for Year-Round Comfort. Say goodbye to overheating in summer and freezing temperatures in winter. Our energy-efficient Home Extensions feature cutting-edge insulation, keeping your space cosy and comfortable all year round.
2. Quick and Hassle-Free Installation. Unlike traditional builds, the modular LEKA Xi system is designed for rapid installation with minimal disruption. You'll enjoy your new home extension sooner.
3. Aesthetically Versatile Designs. From sleek modern styles to classic home extension aesthetics, a LEKA Xi is customisable to suit your taste and complement your home.
4. Compliant and Reliable. Fully compliant with UK Building Regulations, our system guarantees quality, safety, and long-lasting performance.
5. Extra living space. The LEKA Xi's accelerated energy efficiency and composite materials, allows up to 52% more internal floor space over a traditional extension, on each wall side.



## *Xi Modular Home Extensions*

# The Benefits of a LEKA Xi Home Extension

- » Thermal Efficiency: Keeps your Home Extension usable in any season.
- » Customised Finishes: Choose from a range of roof styles, wall options, and colours.
- » Durable and Weatherproof: Designed to withstand the UK's unpredictable weather.
- » Low-Maintenance Materials: Built with high-quality, durable materials for decades of usable living.
- » Cost effective, time efficient: No heavy excavation work and less mess. Render onsite with total flexibility.
- » Ideal for homeowners with limited to no rear property access.
- » Precision engineered: pre-fabricated modular sections, installed in days, not weeks.
- » Building control compliant.



## Efficiency all-round

Typically the LEKA Xi Home Extension, as well as a LEKA roof, are installed in days... not weeks. No thermal bridging or moisture absorption due to its GRP lightweight, structurally sound frame work. Thermally efficient and exceeding building regulation standards.

Highly engineered, pre-fabricated modular sections, creating comfort that every part of the Xi has been factory tested before delivery. The Xi revolutionises the building market and provides homeowners with multiple benefits.



# *Xi Modular Home Extensions* **The Breakdown**



## *Step One* **Adjustable Feet**

Subject to ground conditions on where the LEKA Xi is to be located, typically the supporting feet can be installed upon basic concrete pads. This saves on extensive ground work having to be carried out in most cases.

With adjustable capability the Xi feet can cater for varied floor levels, ensuring an accurate/level finish when completed.

## *Step One b* **Ground Screws**

Ground screws are a fantastic option when it comes to your LEKA Xi foundations and a great alternative to concrete pads.

These innovative structurally tested products suit a variety of ground conditions, and usually installed in under a day. Ground surveys are also offered by installation companies, saving hassle & time.

## *Step Two* **Home Extension Base**

Once a sufficient membrane is laid to the covered ground area, the LEKA Xi 'pre-manufactured' GRP base system is installed. This includes a floor perimeter beam as well as structurally advanced supporting joists that are complemented thermally with the use of PIR insulation sheets installed in-between them.



### *Step Three*

## Modular Wall System

The benefits of the Xi wall system is its ability to be truly modular. Each and every wall can be requested at bespoke heights and widths to suit your desired living requirement. All pre-manufactured into simple lightweight sections for ease of installation.

**Create that additional dream living space with the energy-efficient LEKA Xi Modular Home Extension System**

### *Step Four*

## Roof Installation

Once the modular Xi framework has been installed it is usual for an appropriate roof system to be installed.

A variety of roof system options can compliment the LEKA Xi installation, including:

- LEKA Flat Roof
- LEKA Orangery Roof
- LEKA Tiled Roof

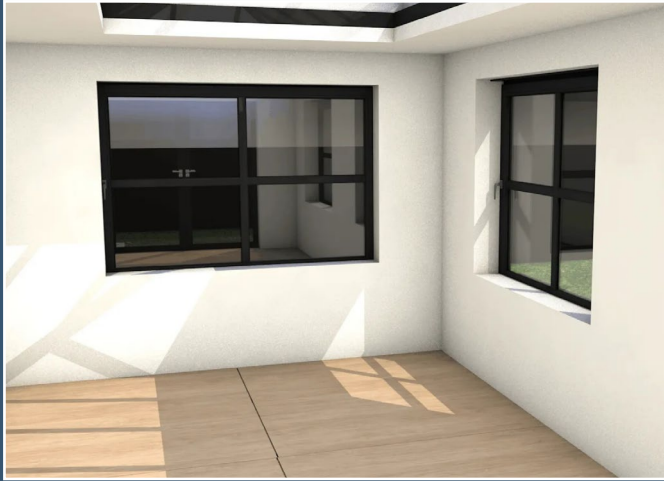
### *Step Five*

## Insulation

High grade EPS insulation is pre-cut to size and installed neatly between the thermally efficient GRP frame work.

## Fast Installation

In most circumstances the LEKA Xi (including any roof system) can be installed and completed in less than a week. No more heavy ground works, mess and weeks of build time.



## *Step Six* **Plasterboards & Flooring**

Following any window/door installation, the internal energy efficient plasterboards are installed, along with high-grade interconnecting flooring. This provides a finish ready for both plastering and preferred floor covering to be applied.

*Quality  
and Style*

## *Step Seven* **External Finish**

Finally the desired external finish is applied. The LEKA Xi is very diversified, offering a choice of:

- GRP brick or stone skin finishes – all quick to install and maintenance free
- LEKA external board that can be plastered directly onto.
- Installers preferred alternative cladding options
- Installers brick slip options.

Customers can also apply their own finish if requested.

# Carports



## Leka Carport Benefits

Highly engineered, pre-fabricated modular sections, creating comfort that every part of the Carport & Canopy has been factory tested before delivery.

- » Installed in days, not weeks
- » Save on excavation work, so less mess
- » Factory assembled
- » Cost-effective
- » Precision engineered, pre-fabricated modular sections
- » No maintenance

*Carports*

## Quick Install, Precision Engineered

Typically installed on an existing load-bearing surface or concrete pads the LEKA Carport & Canopy saves time, mess and stress when considering a new build carport system.

The LEKA Carport & Canopy is installed in days.....not weeks. No moisture absorption or decay due to our GRP lightweight, structurally sound framework.

### Fast Installation

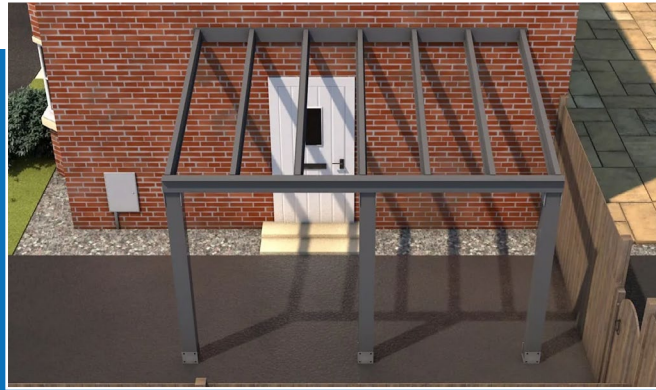
In most circumstances, the Leka Carport & Canopy can be installed and completed in a day or two. No more heavy ground works, mess and weeks of build time.





## *Step One* Adjustable Posts

Firstly our GRP structurally sound posts are installed into the correct locations, using feet if necessary to secure into place.



## *Step Two* Ring Beam and Rafters

Next the main GRP ring beam and roof structure are installed into position, creating a strong, robust framework.



## *Step Three* Load Bearing Outer Sheets

Next our highly engineered, lightweight & load bearing outer sheets are installed, ensuring less roof bars and quicker installation.



## *Step Four* Roof Installation

Next, a high-quality shingle or lightweight slate tile finish is applied. The lightweight roof is durable, weatherproof and most importantly quick to install.



## *Step Five* Cladding

Lastly, a cladding colour of your choice is supplied to the underside of your roof and supporting posts.



## *Step Six* Lighting

Optionally, lighting can also be supplied to your Leka Carport & Canopy with a variety of options at your disposal.

# Hear from Customers & Industry Professionals

## Testimonials

Leka solid roof is a brilliant product and it's proving really popular with homeowners. It looks good and it performs too, so they can use their conservatories all year round.

**Malcolm Cake**  
Managing Director Window Warehouse

After thoroughly reviewing the Leka system, amongst other system providers, it was a no brainer that the Leka system product, team, support and their ethical approach to business was something we could not walk away from.

**Mr Billy Rice**  
Nextgen Conservatory Roof Systems

The benefits are far superior than what we had expected. Good service and excellent workmanship to complement such a fantastic product in the Leka System. We now have a conservatory that is usable again and have already recommended this to our friends/family.

**Mr and Mrs Jones**  
Proud Leka System Owner

I probably inspect and survey 200 to 250 properties a year, many of which have conservatories, often with plastic cellular roofs. In winter they haemorrhage heat, and in the summer can be unbearably hot. Some leak. The Leka System will seamlessly allow adaptation of an existing conservatory to provide a well insulated, and useable sun-lounge, without the need for full demolition and removal of the existing superstructure, resulting in considerable savings to the home owner. It really is an excellent concept

**Tim Davies BSc(Hons)**  
Chartered Building Surveyor & RICS Accredited Valuer

The new roof has completely changed how we use our conservatory. Instead of being too hot in summer and too cold in winter we are now able to use it all year round. Along with our new bifold doors it has meant we have been able to sit and enjoy our garden far more this summer than ever before. Thank you so much!

**Mr and Mrs Beccles**  
Proud Leka System Owner

The testing and energy assessments, along with simplicity and lifespan of the system really impressed us and since adopting the system our business has seen a huge growth pattern within our roof sales division. All the best Leka!

**Mr David Burles and Heidi Sachs**  
Directors at Modplan

A great service from start to finish. Very pleased with the new leka system conservatory roof and would highly recommend this solid roof.

**Mr and Mrs Crossen**  
Proud Leka System Owner

The final result is a very convincing addition to the house which looks part of the original build! Although we are only in autumn, the room is noticeably warmer thanks to the insulated roof and up-graded glazing.

**Mr and Mrs Marshall**  
Proud Leka System Owner

The new Leka Roofing system is leading the way through innovative design and construction. We are extremely impressed with how the structure is far more thermally efficient and lighter than alternatives we have seen over the years.

With no Aluminium or Timber elements, we can see how the system can provide better future proofing and a longer lifespan for conservatory customers across the UK

**Brandon Cook**  
Managing Director Windoormate

Already loads warmer in the conservatory and can't wait to move furniture back in. Will provide us with what we wanted, turning a 6 months use a year conservatory, into a year round garden room! Thank You.

**Mr Morgan**  
Proud Leka System Owner

Leka Systems from a Architectural design view looks fantastic. A great alternative to a traditional conservatory roof which makes a more versatile room. Having worked with the company before we can highly recommend their services.

**Robert Collins BSc (Hons)**  
Architect Technician

We now actually use the conservatory more than the house and the workmanship of the installation company was second to none.

**Mr and Mrs Williams**  
Proud Leka System Owner







**CONSERVATORY ROOFS**  
*by* **2HOT2COLD**

**Bringing Innovation to Life with Leka Systems Design and Installation**



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