



Transform your conservatory into an energy efficient extension NOW

Is your conservatory a different temperature to the rest of the house?

Is your furniture faded?

Is your conservatory a dumping ground?



Today's conservatories are as thermally efficient as extensions and can be opened up to the rest of the house

A glass roof with UV filters or a solid roof will prevent fabric fade AND sun glare.

Turn your conservatory into a stylish, useable living space that's as warm as the rest of the house.



Conservatories have evolved



High performance glazing

- ✓ Energy efficient
- ✓ Self cleaning
- ✓ Stops sun glare
- ✓ Stops fabric fade
- ✓ Prevents temperature fluctuations



Super-insulated columns

- ✓ 5x insulation vs brick pillars
- ✓ Off site manufactured
- ✓ Quick to build
- ✓ Energy efficient

Tiled Roofs

- ✓ Real Slate Look
- ✓ Energy Efficient
- ✓ Plastered room like finish
- ✓ Full length, large roof windows



Contemporary Aluminium

- ✓ Grey Aluminium panelled roofs
- ✓ Shaped glass panels for light where you need it
- ✓ Energy Efficient
- ✓ Slimline frames for better views

Large Door Spans

- ✓ Bi-fold or Sliding doors to link to garden
- ✓ Roofing solutions designed for long spans
- ✓ Integrated goalpost/beams

Three Easy Options to Transform your Conservatory

1. Re-roof

Replacing the roof on your conservatory is the easiest, quickest and cheapest way to improve the thermal efficiency of your conservatory. Most heat is lost through the roof, so upgrading to a high performance glass roof or a solid roof with roof windows will dramatically improve the thermal efficiency of the room AND keep the natural light.



2. Re-place

Replacing the windows, doors as well as the roof offers you more design flexibility to make the space your own. Choose contemporary grey frames and super-insulated columns to create a new modern extension.



3. Re-build

Knocking down the whole conservatory means you can create the extension you really desire. Replace traditional dwarf walls with contemporary aluminium full height glazing and bi-folding doors for a modern glazed extension or create more traditional look with brick.



High Performance, High Impact Glass

- ▶ To ensure your new conservatory and any adjoining rooms are filled with natural light, you'll need plenty of glass especially in the roof which admits over 50% of the light to any room.
- ▶ Always include roof windows when choosing a solid roof to avoid the disappointment of a dark and gloomy room.
- ▶ Choosing high performance glass in your roof and windows will increase the energy efficiency of your new extension.



SELF CLEAN

UV Protection

The higher the percentage, the lower the possibility of furniture and fabrics fading.

Self Cleaning

All Conservaglass is self cleaning, specially designed to remain cleaner for longer than conventional glass. The transparent coating on the glass, harnesses the power of ultra-violet rays from the sun and rain (or water) to break down dirt and grime then wash it clean away.



TINTED GLASS

Quality as standard

All our glass is toughened, double glazed safety glass: 4mm glass - 16 mm Argon filled cavity - 4 mm glass with black warm edge spacer as standard. It is manufactured in specialist roof glass factories and guaranteed for 10 years.



TOUGHENED GLASS



LIGHT/UV TRANSMISSION

Light Transmission

Percentage of light transmitted through the unit. A high % can reduce glare from the sun.



COOL IN SUMMER

Solar Rejection

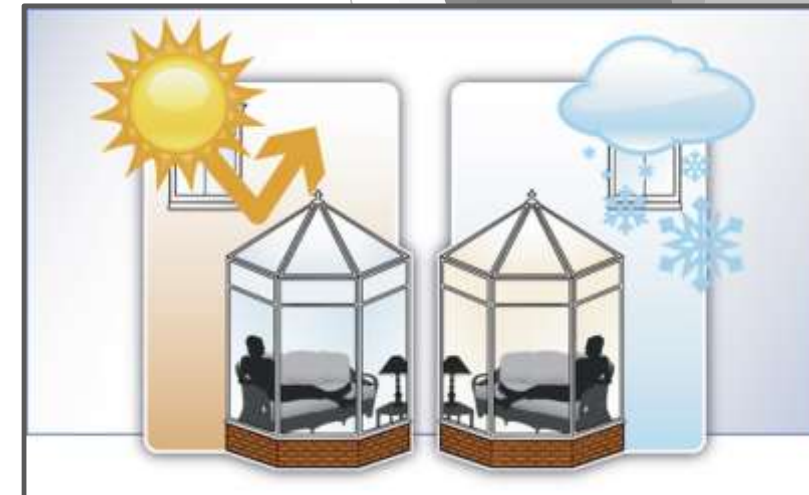
The proportion of the sun's heat that is rejected. Generally the higher the percentage the better the glass is, however if you have a North facing or shady site you may want solar rejection to be lower.



WARM IN WINTER

U Value w/m2

A measure of how good the material is at preventing heat loss to the outside. The lower the figure, the more thermally efficient it is.



Complete Peace of Mind

Quality you can trust

**FIRE
TESTED**

Independently
and fully
fire tested

- ✓ Individual components AND the fully assembled Livinroof & Ultrarroof have been fully fire-tested, unlike other systems that rely on fire testing for various components.
- ✓ Livinroof is fire-rated as AA and fully compliant with Building Standards
- ✓ Ultrarroof is fire-rated as AC and fully compliant with Building standards

FASTEST

Faster to fit
than any other
solid roof

- ✓ Livinroof is precision engineered and 100% pre-manufactured to your specifications
- ✓ Your new roof can be watertight in just one day to minimise disruption and mess



Safe and Structurally Sound

Conservatory roofs should always be replaced with a specialist lightweight roof system to avoid any risk to the structure below. The existing roof **MUST** be removed before the new roof is fitted.

Designed by Ultraframe, conservatory roof experts for over 35 years all our roofs are structurally engineered with specialist software to withstand the worst potential wind and snow loads for your specific long postcode as wind conditions can vary from street to street.

With 'solid' roofs it is particularly important to ensure extreme weather for the exact location is taken into consideration during the design process, especially when replacing a conservatory roof. Heavy snowfall is less likely to melt on a thermally efficient solid roof vs a glass roof and it is vital that existing glazing bars are removed and the roof is lightweight enough to ensure the frames are not overloaded and can withstand the weight of the snow.



Less Red Tape

► Do you need Building Regulation Approval

Building Regulations for Conservatories and Orangeries
If you answer 'YES' to any of these questions then Building Regulations approval will be required for your conservatory or orangery project:

Do you intend to have the doors between the conservatory and the house removed?	YES <input type="checkbox"/>	NO <input type="checkbox"/>	Is the roof on your conservatory less than 75% glazed?	YES <input type="checkbox"/>	NO <input type="checkbox"/>
Does your internal floor area exceed 30m ² ?	<input type="checkbox"/>	<input type="checkbox"/>	Are the vertical window and door frames less than 50% glazed?	<input type="checkbox"/>	<input type="checkbox"/>
Do you intend installing a conventional radiator system (wet system)?	<input type="checkbox"/>	<input type="checkbox"/>	Are you intending building a full height party wall? (shared wall with your neighbour) (attached, terrace and semi's)	<input type="checkbox"/>	<input type="checkbox"/>
Does your build involve structural alterations to the existing property i.e. widening door openings?	<input type="checkbox"/>	<input type="checkbox"/>	Will your construction require you to reposition a manhole or main drain?	<input type="checkbox"/>	<input type="checkbox"/>
Do you intend installing a solid or 'warm roof' on your conservatory?	<input type="checkbox"/>	<input type="checkbox"/>			

- ✓ All our replacement roofs fully comply with Building Regulations
- ✓ Our solid roofs have JHAI system approval to minimise red tape

Three Replacement Roof Solutions

- ▶ The Original and Most Loved Glazed Roof

Glassroof
By Ultraframe



- ▶ Livinroof – The Best of Both Worlds

LivinroofTM
By Ultraframe



- ▶ Ultrarroof – The Solid Roof that Doesn't Disappoint

UltraroofTM
By Ultraframe





The Original and Most Loved Glazed Roof



Polycarbonate Roof



Performance Glass Roof

ClassicroofTM
By Ultraframe



Insulated Pelmet Added



Super Insulated Columns Added

The Original and Most Loved Glazed Roof

- ▶ Made in Britain for over 35 years
- ▶ Engineered by Ultraframe the conservatory experts
- ▶ Over 1.5million roofs installed
- ▶ The first ever conservatory roofing system to be BBA approved
- ▶ Certificate of Authenticity with every roof
- ▶ Long standing history of technological innovation
- ▶ The UK's favourite conservatory roofing system



Strong, secure glazing bars

Classic's unique glazing bars provide superior strength, security

1. A patented 'teeth' anchor mechanism ensures the top-cap fits tightly and can never be prised off
2. Concealed externally facing weatherproof gaskets hold glass securely in place
3. Thermoplastic Elastomer gaskets provide extra weatherproofing and grip
4. Patented, high strength chambered top caps improve thermal performance and security
5. 'Wine glass' shaped aluminium provides torsional rigidity to help your roof to withstand extreme wind and snow loads



Packed with Quality Components

Why settle for single bolt when you can have a twin bolt?

- ▶ Stainless steel twin-bolt anchors the transom bars onto the ridge and eaves at
- ▶ Four fixing points on every bar onto the ridge, wall plate and eaves beam - two positive fixings at the top and two at the bottom
- ▶ Classic has twice as many fixings as alternative systems
- ▶ Twin bolt slot within the eaves beam runs in the opposite direction to roof load to eliminate any risk of glazing bar slippage
- ▶ Spigot nut centres the bolts to ensure an effective structural joint is formed
- ▶ No risk of glazing slippage for maximum security and peace of mind



Packed with Quality Components

Robust, adjustable, glazing security clips

Glass is heavy and panels can be large and should be held securely in place to prevent slippage and leaks. Ultraframe's unique glazing security clips are automatically specified with every Classic roof to eliminate any chance of the glass slipping

- ▶ Much stronger, larger and robust vs competitor clips
- ▶ Lock glass into position
- ▶ Maintains water tight seals
- ▶ Locks end caps into position to prevent them falling into the gutter
- ▶ Adjustable for a snug fit every time

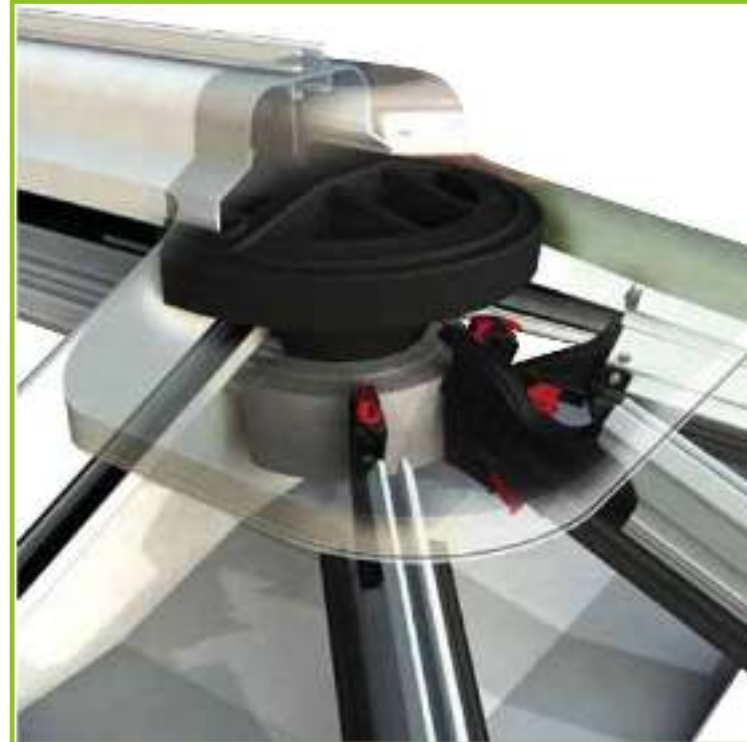


Patented Speedlock and Weathering Hub

A perfect fit, first time, every time

The speed lock at the ridge ends accommodates complex variations in roof pitch and ensures the roof is protected from extreme weather

- ▶ This clever click-fit system makes one of the most complex elements of a roof easy to install
- ▶ The Speedlock pin points the exact location of the bars delivering consistent fixing points to guarantee roof quality and performance
- ▶ The adjustable attachment system ensure every glazing bar is perfectly seated on level glazing planes with maximum contact with the rubber weather seals
- ▶ The Classic weathering hub does not rely on silicone (which can degrade over time) like other roofing systems
- ▶ A robust rubber section within the weathering hub blocks any water ingress



Internal Insulated Pelmet

Create a room like feel

The optional pelmet with Classic roof creates an orangery or living room

- ▶ Plastered to create a room like design
- ▶ Adds cosiness and warmth where you need it
- ▶ A practical place for spotlights or speakers
- ▶ Variable in width to suit the proportions of your room from 300mm to 1200mm



Super-Insulated Columns

Create a conservatory that's as warm as an extension

Thermally efficient to maximise your views yet maintain a consistent, comfortable temperature

- ▶ 5 times more thermally efficient than a brick pillar
- ▶ Plastered finish creates a cosy, warm room
- ▶ Aluminium finish looks great with bi-fold doors
- ▶ Any colour available to match window frames
- ▶ Available at the house wall, corners and between window frames
- ▶ Optional corner heaters provide a practical way to add heating to your conservatory



Cornice

Add Shape and Style to the roofline

Choose from 4 styles

- ▶ Hides gutters and end cappings
- ▶ Choose a the flat cornice to suit the proportions of your property for a contemporary look
- ▶ Choose curved cornice for an elegant shape
- ▶ Available in any colour to match windows and doors
- ▶ Gutters easily accessible for cleaning



Unrivalled choice for a bespoke design

Classic roof is designed to match any windows and doors in any finish

- ▶ Choose from uPVC or Aluminium Top-Cappings
- ▶ Available in any RAL colour
- ▶ We love complicated – Classic roof can be engineered to any shape or size



What makes Classicroof unique?

High quality, engineered to last

WEATHER TESTED

Watertight in winds up to 130mph

- **Triple layer storm shield** at radius end.
- Unique top caps and **adjustable speedlocks** designed to optimise glazing bar compression.
- Sturdiest, most **durable** gaskets and glazing stops.

EASIEST

The simple and most intuitive to fit

- Click-fit speedlocks and top-caps.
- Loaded with features for a **fast fit, first time**, every time.
- **No cutting or drilling** on site.
- Comprehensive installation guides and videos.

VERSATILE

The most configurable roofing system available

- Low pitch eaves beam and variable ridges for **pitches from 2.5 to 44°**.
- **Advanced software** to instantly validate structural requirements of any large shape and complex designs.
- Integrated structural solutions for **large spans** of bi-folding doors.

TRUSTED

The original and most loved glazed roof

- Over **1.5 millions roofs** installed.
- The first roofing system to be **approved by BBA**.
- **Made in Britain** for over 35 years.

SAFEST

The only roof engineered to postcode

- NASA satellite data used to calculate the maximum wind AND snow load requirements.
- Specialist software engineers every critical element of the roof for optimum deflection, compression and tension.
- **Super strong** eaves beam, ridge, valley and jack rafter.

CUSTOMISABLE

Unbeatable range of design options

- Add shape and elegance externally with a choice of **4 unique Cornices**.
- Create thermally efficient, cosy and stylish rooms with **insulated pelmets and columns**.
- **Bespoke colours** in painted aluminium or foiled.
- **Finishings and crestings** to suit all tastes and budgets.





The Best of Both Worlds - Livinroof



Polycarbonate Roof



LivinRoof – Without Roof Windows



Livingroom with Shaped Glazing to Front



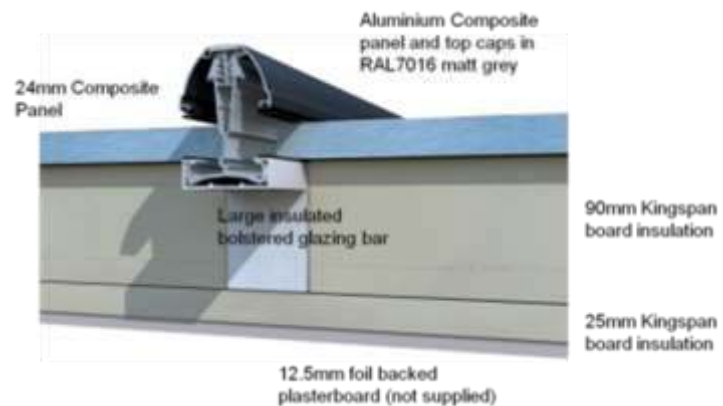
Livingroom with Side Windows Added



Livingroom with Super Insulated Columns

Lightweight and Thermally Efficient

- Livinroof combines Ultraframe conservatory technology with insulation
- An integrated insulated pelmet further enhances the thermal performance ensuring your room is a consistent temperature
- uValue of 0.15 exceeds the Building regulation
- The lightweight bars and insulation ensure the roof is the lightest solid roof system available weighing only 36kgm²



Transforms Conservatories

Warm, bright and comfortable all year round

- A 'hybrid' roof combining solid elements for thermal performance with glass panels to provide natural where you need it.
- Weighing only 36kgm² Livinroof is designed to be used on existing conservatory frames
- Designed and manufactured by Ultraframe the conservatory experts, Livinroof can fit more complex roof shapes than any other solid roofing system
- Works with low pitched roofs, unlike tiled roofing systems which are limited to 10°
- The unique Livinroof panels are designed in an urban grey to create contemporary designs and complement your existing or new window frames
- Extremely fast to fit – Livinroof can be watertight on day 1, meaning less disruption and risk of damage to your existing conservatory



Less Red Tape

Do you need Building Regulation Approval?

Building Regulations for Conservatories and Orangeries
If you answer 'YES' to any of these questions then Building Regulations approval will be required for your conservatory or orangery project:

	YES	NO		YES	NO
Do you intend to have the doors between the conservatory and the house removed?	<input type="checkbox"/>	<input type="checkbox"/>	Is the roof on your conservatory less than 75% glazed?	<input type="checkbox"/>	<input type="checkbox"/>
Does your internal floor area exceed 30m ² ?	<input type="checkbox"/>	<input type="checkbox"/>	Are the vertical window and door frames less than 50% glazed?	<input type="checkbox"/>	<input type="checkbox"/>
Do you intend installing a conventional radiator system (wet system)?	<input type="checkbox"/>	<input type="checkbox"/>	Are you intending building a full height party wall? (shared wall with your neighbour) (attached, terrace and semi's)	<input type="checkbox"/>	<input type="checkbox"/>
Does your build involve structural alterations to the existing property i.e. widening door openings?	<input type="checkbox"/>	<input type="checkbox"/>	Will your construction require you to reposition a manhole or main drain?	<input type="checkbox"/>	<input type="checkbox"/>
Do you intend installing a solid or 'warm roof' on your conservatory?	<input type="checkbox"/>	<input type="checkbox"/>			

- ✓ Livinroof fully complies with Building Regulations, has JHAL system approval to minimise red tape

Natural light wherever you want it

Get creative with your glass panels and create stunning unique internal roof designs with rectangular and shaped rooflights

With roof lights at no extra cost you can flood your new room with plenty of natural light, taking into consideration how the sun falls into the room and the areas you wish to light.



BRIGHTEST

More glazing options than any other solid roof

- **Shaped glazing** for a bespoke and stunning internal design.
- **Highly configurable** glazed panels for natural light where needed.
- Performance glass easily integrated **at no extra cost**.

FIRE TESTED

Independently and fully fire tested

- The complete, assembled Livingroof structure was **fire tested in 2017** by Warringtonfire.
- Livingroof is **fire rated as B-roof** according to EN 13501-5: 2016.
- Livingroof is **fire rated as AA** according to BS476-3:2004.

VERSATILE

The most configurable solid roofing system available

- Ideal solid replacement solution for low pitched lean to's with **pitches from 5 to 44°**.
- Advanced software to instantly validate structural requirements of **any complex designs**.
- **Shaped glazing** inserted anywhere in the roof at no extra cost.

LIGHTEST

The lightest solid roof on the market

- Weighs only 31kg/m² **lighter than any other solid roof**.
- Designed by conservatory specialists, Ultraframe to **replace existing conservatory roofs**.
- **Lightweight panels** are cut to size and easy to manoeuvre.

WARMEST

Unrivalled thermal performance

- A true warm roof system with no cold bridging.
- U-Value of 0.15 with option to reduce to 0.14 if required.
- **Thermally insulated** internal pelmet as standard.
- **Thermally broken** rafters.

SAFEST

The only solid roof engineered to postcode

- NASA satellite data used to **precision engineer every roof** for Wind AND snow loads.
- Wind tested to withstand hurricane winds up to 130mph.
- Independently fire tested BS476 part 3.
- **Super strong** eaves beam, ridge, valley and jack rafter.





The Solid Roof That Doesn't Disappoint



Solid Roof – Without Roof Windows



Ultraroom with Side Windows



Ultraroom with Side Windows



Solid Roof – Without Roof Windows

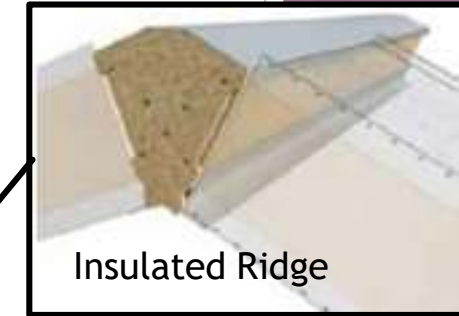
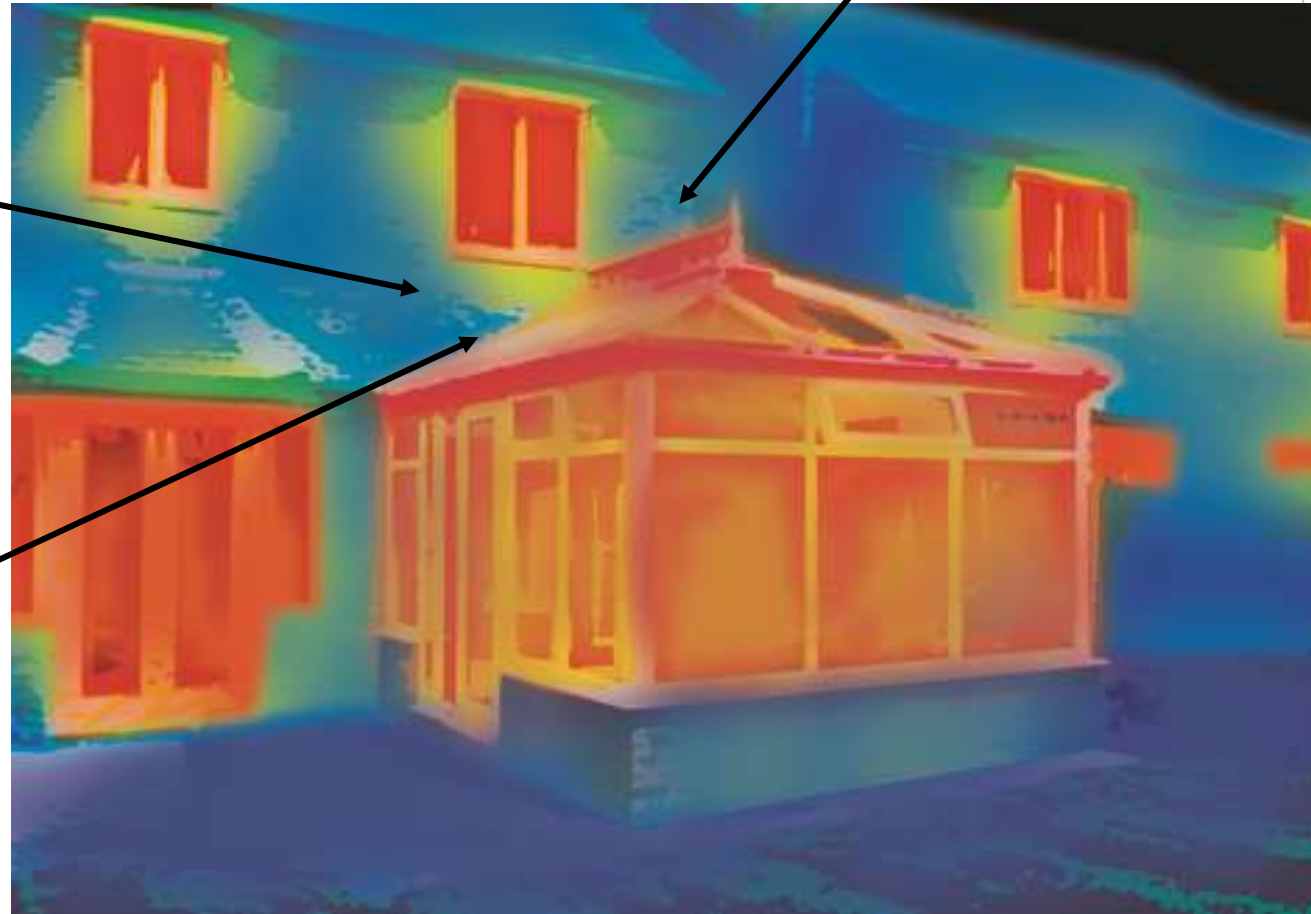
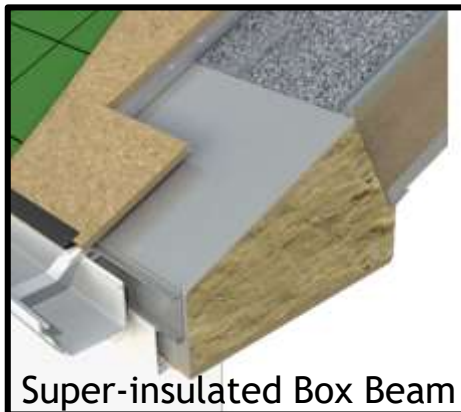
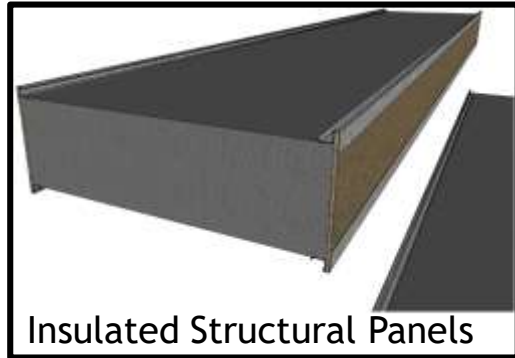


Building Regulation Compliant
 Ultraroom is fully Building Regulation compliant and has JHAI system approval to minimise red tape.



Unrivalled Thermal Efficiency

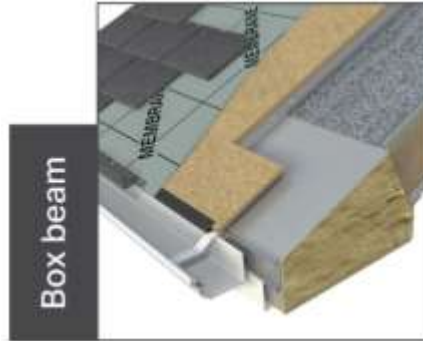
- ✓ Ultrarroof has a U-Value of 0.15 which can be reduced to 0.13 if required
- ✓ Retains warmth in Winter and keeps your room cool in Summer
- ✓ A complete warm roof system with no cold bridging
- ✓ The fully insulated panels, ridge and box beam protect key areas of heat loss



Super Strong for Grand Designs

- ▶ The Ultrarroof box beam is up to 80 times stronger

The Ultrarroof box beam is both wide and incredibly strong - unlike other lightweight tiled roofing systems which are based on conservatory eaves beam technology.



Benefits of the super-strong box beam

- ✓ Ultrarroof no tie bar required
- ✓ Ultrarroof can span up to 4m over bi-fold or sliding doors
- ✓ Ultrarroof has a perimeter pelmet for lights and speakers
- ✓ Ultrarroof has an external soffit where patio lights can be fitted



Preferred by Homeowners

- ▶ 8 out of 10 homeowners prefer the look of Ultrarroof vs competitors



Stylish full length glass panels provide plenty of natural light



The external soffit looks authentic and lights can be added



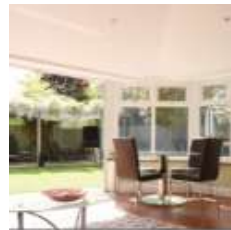
The tile starter strip creates an authentic illusion of stacked slates



The pelmet around the ceiling can be used for spotlights or speakers



Slimline, contemporary cappings provide clean lines and style



No tie bar required unlike other systems



An Authentic Tiled Finish

- ▶ Choose from 3 lightweight tiles or real slates to match your house



Carbon Grey Lightweight Tiles



Real Slates



Terra Brick Lightweight Tiles



Harvest Brown Lightweight Tiles

Any shape, any size

Here are some examples of roof designs possible with Ultrarroof



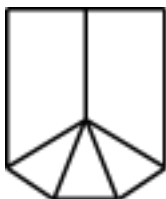
Lean to



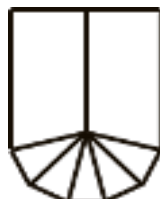
Georgian



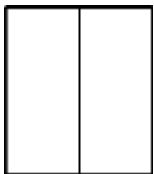
Double Hip
Georgian



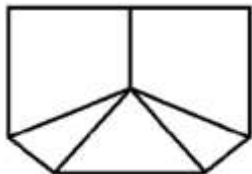
3 Bay
Victorian



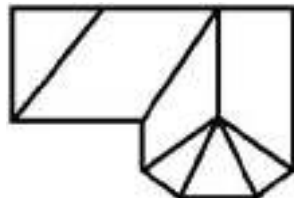
5 Bay
Victorian



Gable



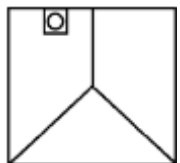
Stretch Victorian



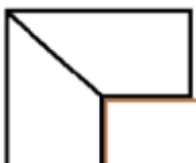
P-Shape



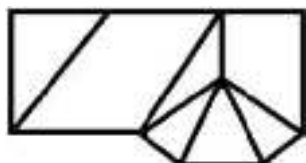
Hipped Lean To



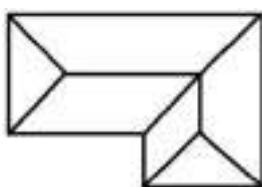
Cut-outs



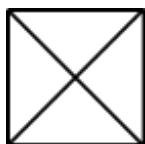
L Shape
Wraparound



Split Valley Return



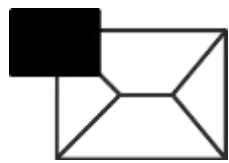
Floating Ridge



Wok



In line Gable / Zero
return valley



Hip Strikes



Georgian Victorian



PREFERRED

8 out of 10 homeowners prefer Ultrarroof

- **Full length** performance glass panels - available in **any specification**
- **No tie bar** required
- Internal pelmet and **external soffit for lighting**
- **Highly authentic tile** finish
- **Slimline** hips and ridge capping

WARMEST

Unrivalled thermal performance

- U-Value of 0.15 with option to reduce to 0.13 if required
- **Complete warm roof system**, with no cold bridging
- **Fully insulated** 380mm structural beam.

FASTEST

Faster to fit than any other solid roof

- Tiles supplied in panels of 12 tiles, **pre-cut to size**
- 100% pre-fabrication - **no cutting required**
- **No internal battening** required
- Expandable panel and wide beam to **accommodate tolerances on site**
- High quality, **practical technical support** as you need it.

LIGHTEST

The lightest tiled roof on the market

- Weighs only 38kg/m² **lighter than any other solid roof**
- Designed by **conservatory specialists** to replace conservatory roofs
- Lightweight panels are cut to size and **easy to manoeuvre**.

FIRE TESTED

Independently and fully fire tested

- Components AND complete structure both **fully fire tested**
- **Fire test certificates** available online
- **Fire rated as B-roof** according to EN 13501-5: 2016
- **Fire rated as AC** according to BS476-3:2004.

STRONGEST

Unsupported spans up to 4m

- Superior strength for **larger designs** up to 6.7 by 5m
- 4m spans for **bi-folds without extra support**
- Highly configurable to **any shape and size**
- NASA satellite data used to **precision engineer every roof** for wind AND snow loads.



Beware of Cladover roofs

What is a Clad over?

A Clad over roof is often sold as a conservatory roof improvement for thermal reasons. It can take many forms but never involves removing the old structure. This is not good practice because conservatory roofs are only engineered for their original purpose. There are four different types of Clad over.

- 1. Internal Clad over:** Adding an internal layer of insulation usually by attaching batons to the internal bars, packing with insulation and boarding over with plasterboard.
- 2. External Clad over:** Timber batons or ply board is screwed to bars, glazing is seldom removed before imitation tiles are fitted to the timber. With little space for insulation the impact on thermal performance is the lowest of all these options.
- 3. External & internal Clad over:** This is a combination of 1 & 2 above, although glazing may be removed first. Plastic internal cladding is often used on this product because the structure can be susceptible to moisture ingress.
- 4. Solid Panel Clad over:** Existing glass is removed and solid panels are dropped in to replace them. With typical u-Values of 0.3 - 0.6, these are less thermally efficient than other products so cannot comply with Building Regulations. There is also no internal finish as bars are still visible.



Beware of Cladover roofs

Top-tips for transforming your conservatory

- ✓ **Beware of low prices.** If one quote is much lower than the rest, you may be inadvertently buying a Clad over roof. Ask for more details about the roof construction.
- ✓ **Always compare** roof weight, U-Values, plus wind and snow load tolerances across quotes.
- ✓ **Don't forget** to design in glass panels within your solid roof, to ensure your new room is bright as well as warm and cosy.
- ✓ **Always ask** to see a copy of your building regulations conformance certificate BEFORE the build starts. You will need this if you ever sell your house.
- ✓ **Plan to be at home** during the installation, be vigilant and ensure all beams and bars are removed BEFORE any materials are added.
- ✓ **Do your research.** Look for accreditations, endorsements and reviews.
- ✓ **Make sure you're covered.** Ensure your roof and the installation are both guaranteed and that the guarantees are backed up with insurance to ensure a payout should the worst happen.

