

A roof for every project



Glass Roof



Tiled Roof



Hybrid Roof



Lantern



Flat Skylight



Flat Roof

For all your PVC-U building products

If you're looking for building products for your next project, we've got you covered. Wendland offers a great range of conservatory and extension products.

Within this brochure you'll find everything you need including roof type, walling, style, colour, glass, lighting and finishes.

All products can be ordered with support from our highly skilled roofing team who are here to help you from design, ordering, product details, ancillaries, such as the internal pelmet and gutter cover.

For over 25 years Wendland has been designing and developing new products with the installer and homeowner in mind and continues to invest in research & development today.



This ongoing investment means that we can offer a full suite of conservatory and extension roof products, all with the latest technology. Including: bases, walls, glass roof, tiled roof, solid roof, lanterns and a range of upgrades are available for each of the systems to allow homeowners to enhance the interior or exterior of their new living space.

A roof for every project

No matter what your project, there is a roof for the job.

We offer a range of products that can be used for extensions, orangeries, conservatories and conservatory transformations. Our vast range offers a fantastic choice of styles and finishes that are ideal for extending and transforming homes.

To make Building Regulations as easy as possible, all Wendland roofs are pre-approved by Assent, MFA and Stroma - two national building inspector networks for use on replacement roofs, extensions, orangeries and conservatory projects. For Scotland, Building Regulation information can be provided on request.



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Glass Roof



Space and light with a Glass Roof

Features and benefits

- Any size, shape, style and colour
- Pitches from 5 to 41 degrees
- Easy and quick to fit
- Quick lead time – 5 -7 days
- Speedy installation
- 10 year guarantee

Top Tips

- Measure from internal frame
- Upgrade with internal pelmet and gutter cover to create a low cost orangery effect.





Tiled Roof

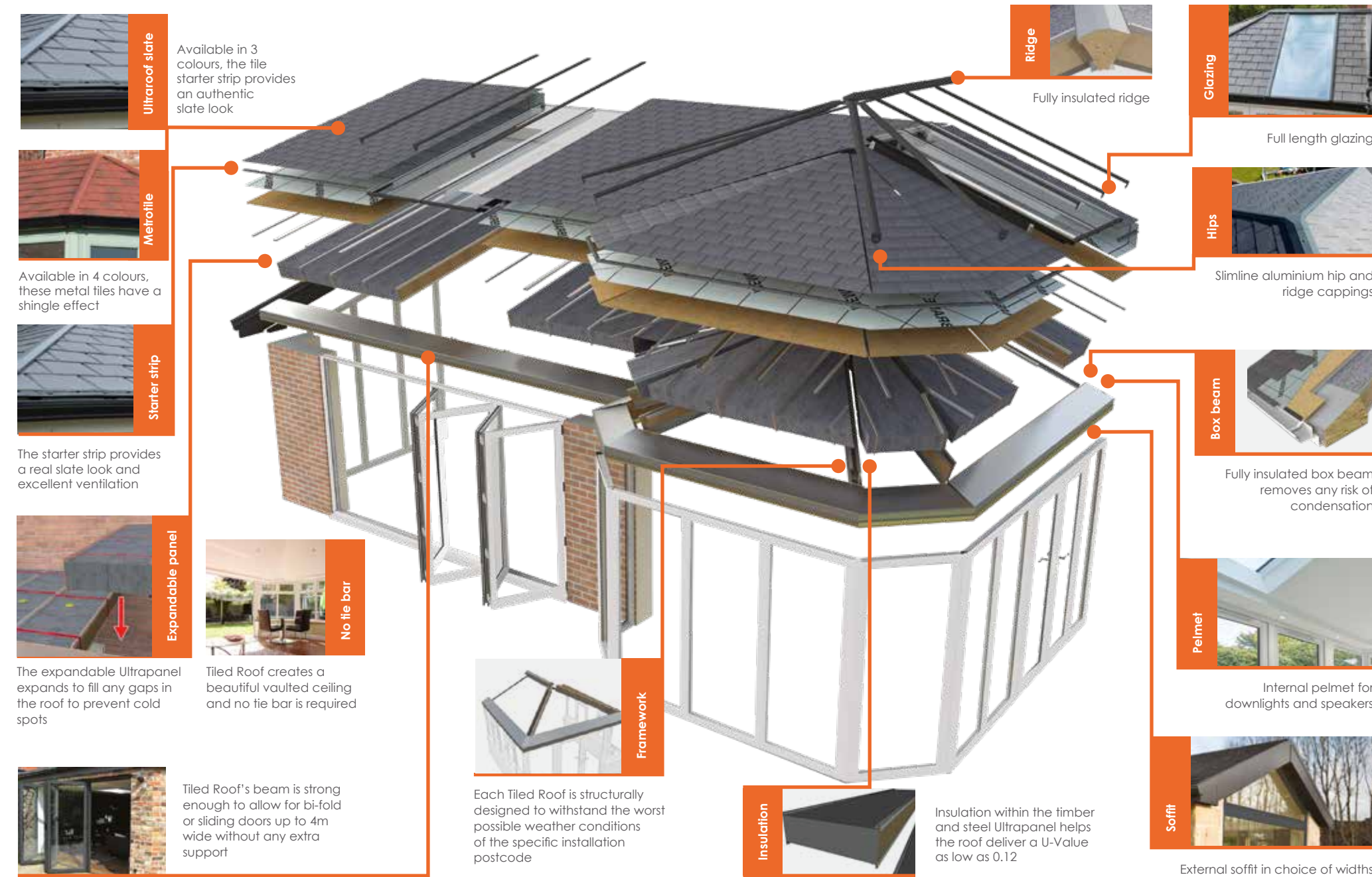
A Tiled Roof that doesn't disappoint

Features and benefits

- Span up to 4m unsupported over bifold or sliding doors
- Choose from full length performance glass or roof windows
- All components cut to size – quick install
- Suitable for new extensions or replacement roofs
- Lightest tiled roof on the market – only 38kg/m²
- U-Value of 0.15W/m²K, option to go as low as 0.12W/m²K
- 10 year guarantee

Top Tips

- Measure from internal frame
- Roof manufactured with standard 40mm soffit overhang beyond external frame or 151.5mm extended soffit beyond external frame.





Hybrid Roof

The best of both with Hybrid Roof

Features and benefits

- Any shape, any size
- Conservatory chassis for ease of install
- 10 year guarantee – engineered to postcode
- U-Value of 0.15W/m²K, option to go as low as 0.12W/m²K
- Lightest solid roof on the market at 31kg/m².

Top Tips

- Measure from internal frame.





Flat Roof

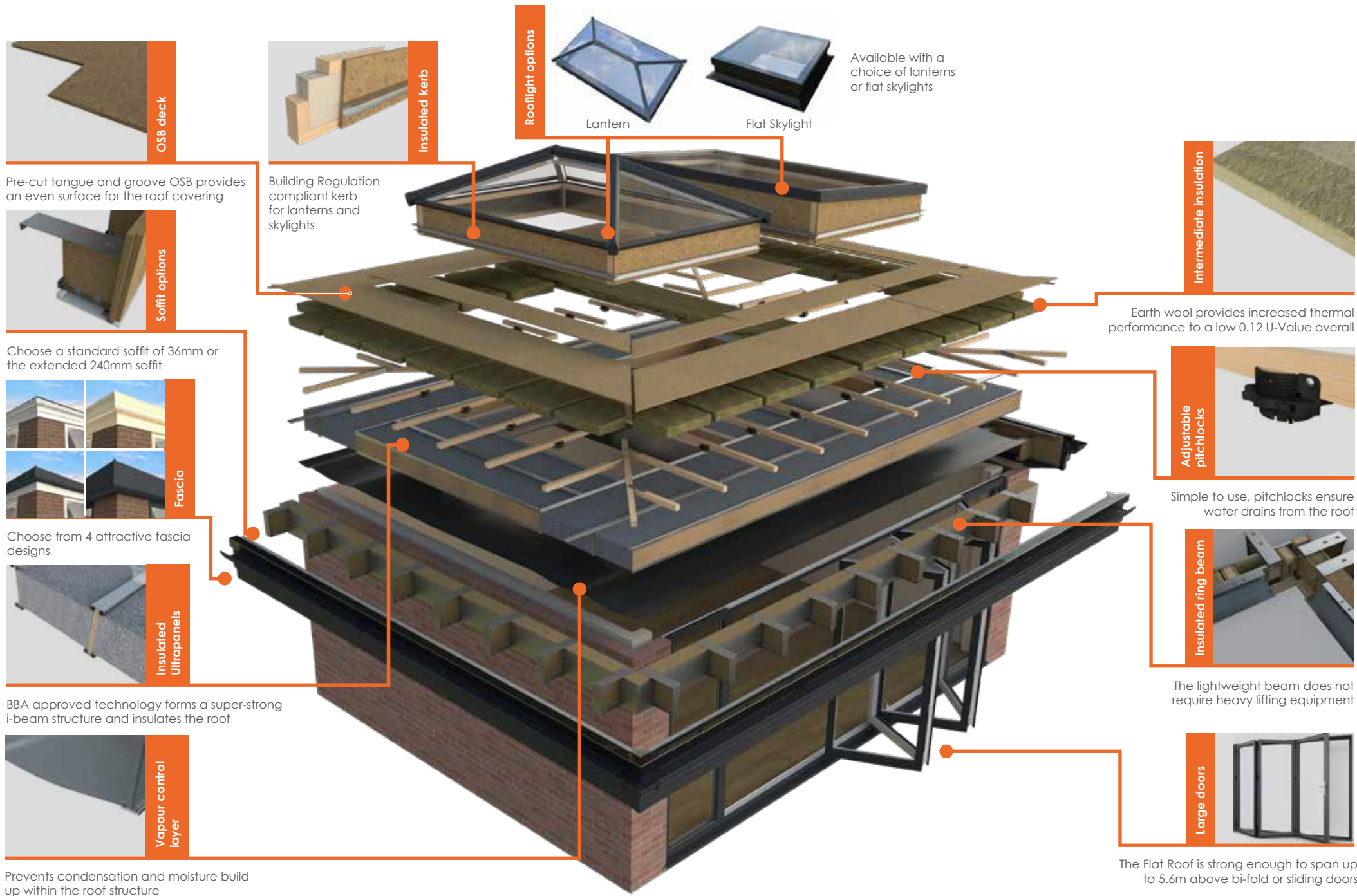
The ultimate Flat Roof system

Features and benefits

- One point of order for the full roof system
- Compatible with lanterns and skylights
- 5.6m spans for bi-folds at no extra cost
- U-Value as low as 0.12W/m²K
- The lightest flat roof system - weighs only 51kg/m²
- Pre-approved to meet Building Regulations with Assent and Stroma

Top Tips

- Measure from internal frame.



Lantern



Slimline, neat and bright Lanterns

Features and benefits

- Available in aluminium or PVC-U
- Instant quotes and orders in branch
- 7 day lead time
- Available in any colour
- Rectangle and square styles.

Top Tips

- Measure to the external face of the kerb.



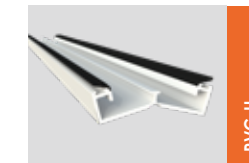
Strong aluminium corner cleats create a solid structural framework



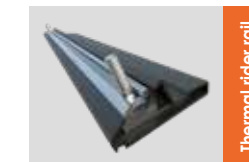
Easy fit glass fibre reinforced ridgeLOCK



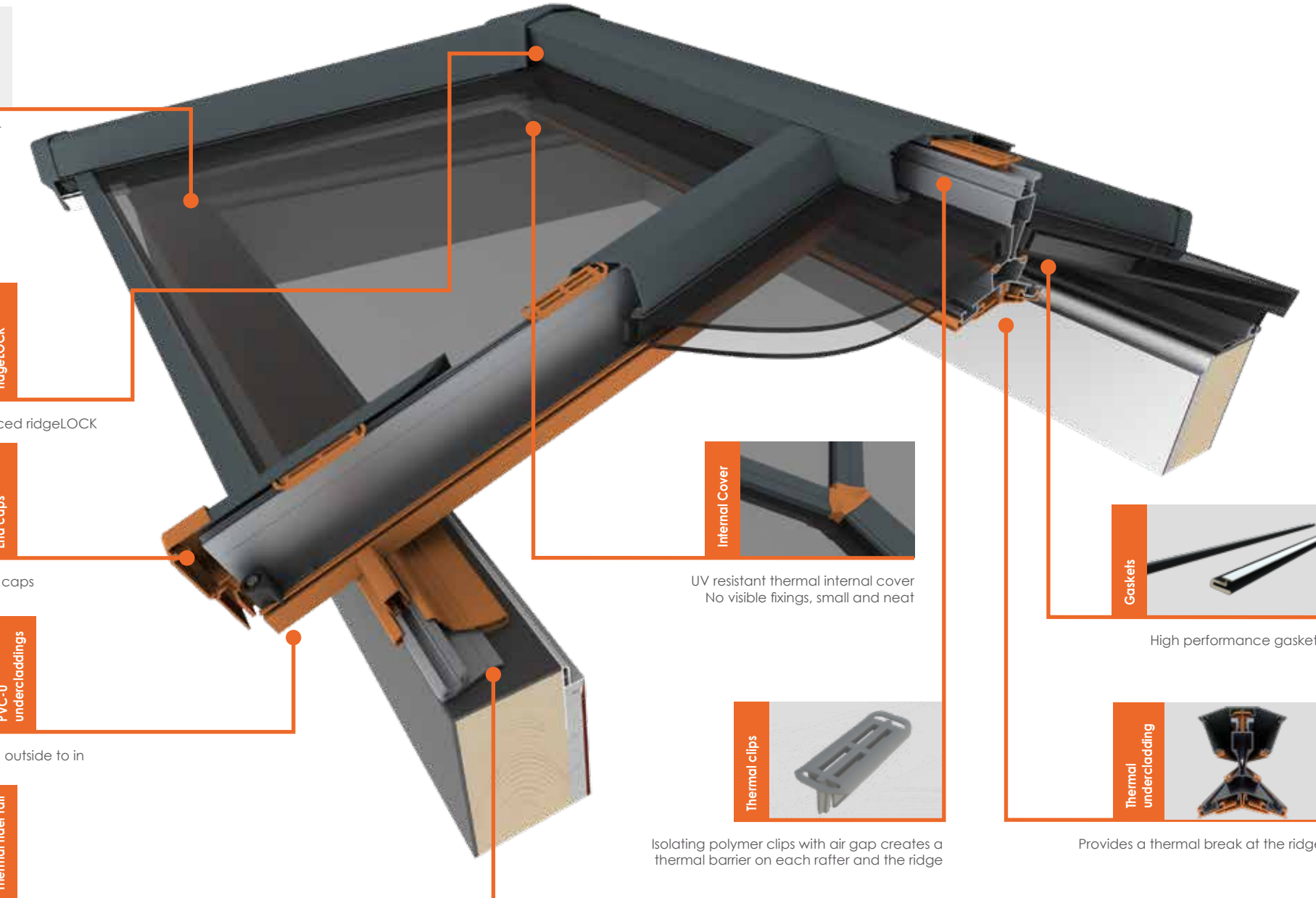
UV resistant thermal end caps



Prevent cold creep from outside to in



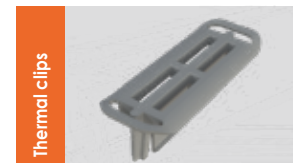
Fully thermally sleeved



High performance gaskets



Provides a thermal break at the ridge



Isolating polymer clips with air gap creates a thermal barrier on each rafter and the ridge

Flat Skylight

Above us only sky with a Flat Skylight

Features and benefits

- Quick installation - click-fit parts
- Instant quotes and orders in branch
- 10 day lead time
- U-Value of only 1.2W/m²K
- Available in any RAL colour.

Top Tips

- Measure to the internal face of the kerb,
- Slope – always the shortest side at 4 degrees pitch
- Span – always the longest side.



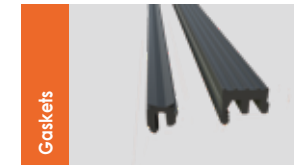
Glass

Noise reducing glass reduces noise by up to 34dB



Plasterboard trim

Fineline plasterboard trim for a neat internal finish



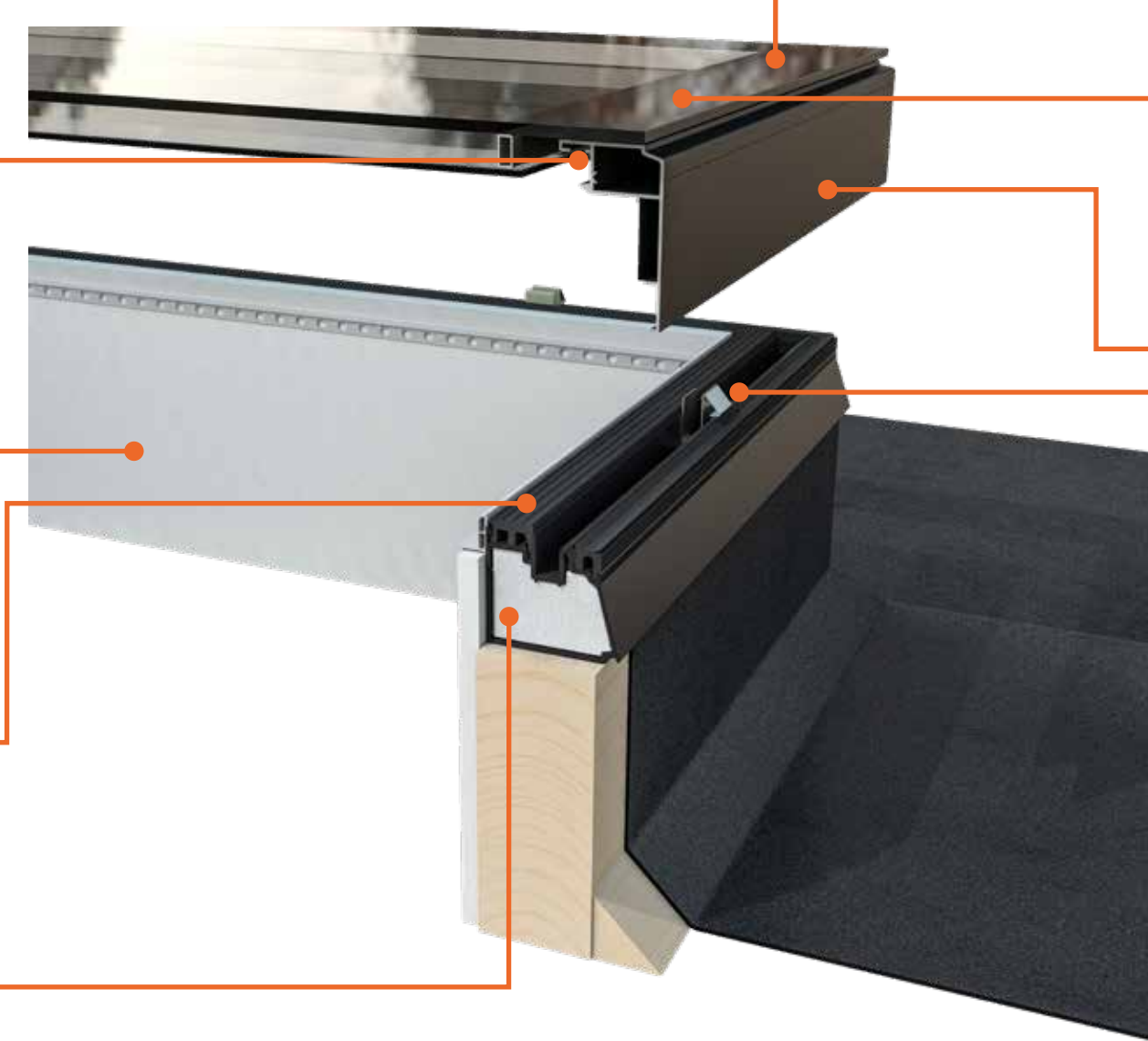
Gaskets

Double seal gaskets with high compression, so seal won't degrade over time



Frame

Fully insulated frame with 'Warm Frame' technology and U-Value of 1.2



Ceramic paint technology - incredibly robust and cannot be scratched off or deteriorate due to weathering

Paint



Glass

Edge-to-edge glass for a modern look



Surround

Slim aluminium surround blends seamlessly with glass



Clips

'Click-fit' clips for quick fitting first time, every time

Performance Glass

Performance Glass

A range of glazing options to be used with the Wendland roofing systems which vary in specifications and colour options. Ordering is simple and easy, as well as providing you with specialist support in choosing and providing your glazing requirements.Warm Edge

Best Insulation							Great Insulation					
Solar Gain	Low		Medium			High	Low	Medium		High	Std Glass	
Product Range	BLUE	AQUA	BRONZE	BLUE	NEUTRAL	CLEAR	AQUA	BRONZE	BLUE	NEUTRAL		CLEAR
U-Value	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.2	2.8
Light Transmission	24%	28-28%	42-47%	48-52%	38-40%	65-71%	32%	52-53%	56-58%	44%	77-79%	80%
Solar Gain (G)	18%	19%	34-37%	33-36%	30-32%	48-53%	23-24%	49-50%	46%	41-43%	70-71%	75%
UV Protection	94%	94%	91%	92%	85%	80%	92%	82%	90%	79%	71%	25%
Best all rounder												

The position of your roof can have a direct impact on the design. South facing sites receive more sun than North facing. The need for ventilation and shading will also vary and effect the choice of glass.

The % of solar gain is the measure of how much solar energy passes through the glass. E.g. Ultimate blue has a 18% solar gain meaning 82% of the solar energy is rejected and will not pass through.

The glazing in your roof can have an impact on its temperature and energy efficiency so it's important to work closely with your installer to choose the correct specification for the orientation of your home.

All of our glass is self cleaning, toughened and double glazed safety glass as standard.

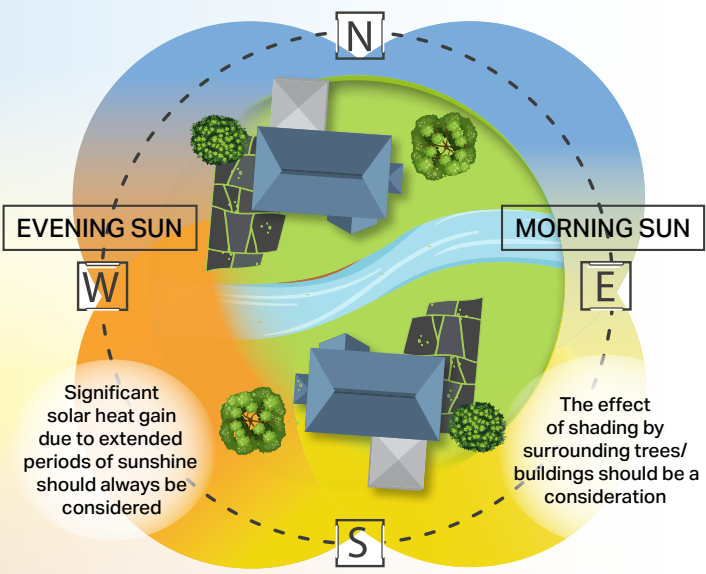
North or East Facing Specification

North or East facing locations will tend to be shady and cool receiving little direct sunlight. Glass with high light transmission and high solar gain is a great choice as it will allow more heat and light to enter the room and warm the space.

South or West Facing Specification

A South or West facing location may be in the sun for most of the day, which brings lots of bright, natural light. The heat from the sun can also mean the room becomes too bright or unpleasantly warm, unless the correct glazing is specified.

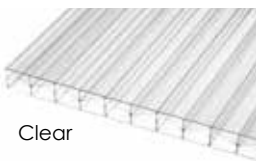
Choose glazing which has a low level of light transmission and low solar gain. We can supply glass with a U-Value of just 1.0, which is three times more energy efficient than a standard glass unit.



Polycarbonate

Polycarbonate is a very popular glazing material for conservatory roofs as it is lightweight, durable and exceptionally strong – up to 200 times stronger than glass and virtually shatterproof. All polycarbonates work to lessen the glare and heat from the sun to ensure that your conservatory can be as comfortable as possible all year round.

Polycarbonate Sheet	Light Transmission		Solar Transmission		U Value Wm ² K ⁻¹		Shading Efficiency	
	25mm	32mm	25mm	32mm	25mm	32mm	25mm	32mm
Clear	65%	51%	63%	55%	1.7	1.2	73%	72%
Opal	31%	29%	37%	35%	1.7	1.2	42%	41%
Bronze	24%	11%	26%	14%	1.7	1.2	30%	27%
Bronze/Opal	11%	18%	16%	22%	1.7	1.2	18%	17%
Heatguard	8%	8%	8%	8%	1.7	1.2	9%	9%



Extra's

All of our roofing systems have been designed to flood the space below with natural light while keeping it as warm as possible. Choose from a range of options for a fully bespoke solution.

Gutter Cover

The gutter cover adds style by hiding the ends of the glazing bars and giving a more ornate look at the eaves. Can be added as an upgrade to new conservatories or retro-fitted to existing roofs.



Internal Pelmet

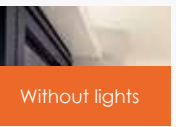
The internal pelmet is formed from a steel ladder framework and creates a room-like look. It also boosts the thermal performance and provides a space for lights or cables.



Lighting

You can add lighting to any roof thanks to our clever internal and external features.

The internal pelmet provides the perfect place for lighting and comes as standard on Hybrid Roof and Tiled Roof and as an upgrade on the Glass Roof.



Roof Vent

A roof vent is one of the fastest ways of ventilating a conservatory during the warmest months of the year.

The best way to stop condensation build-up is by circulating the air. By inserting a roof vent the room can breathe and avoid any condensation.



A building revolution

Features and benefits

- Off-site manufactured
- Five times more energy efficient than the average UK home
- One supplier, one project
- Fives times faster to build
- Ultimate design flexibility
- Patented Ultrapanel technology
- Choose from a range of roofs
- Super-strong I-beam structure
- Rapid connection details
- Exceeds Building Regulation requirements

hup! is ideal for

Extensions



Conservatories



Transformations



Garden Homes

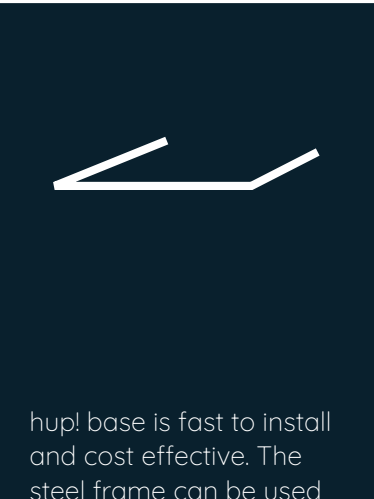


Building with hup! is easy

With hup! you can forget about expensive experts and architects.

hup!

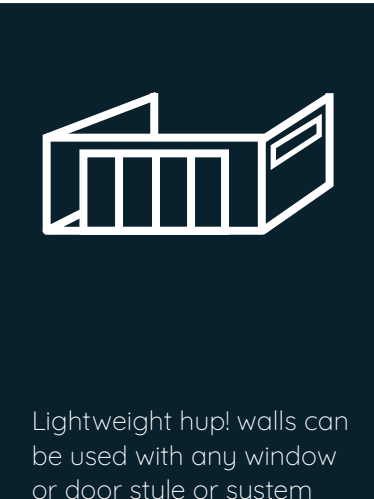
Base



hup! base is fast to install and cost effective. The steel frame can be used with ground screws or pads minimising waste and project timelines.

two

Windows & Doors



Lightweight hup! walls can be used with any window or door style or system in any size, giving you ultimate design flexibility.

three

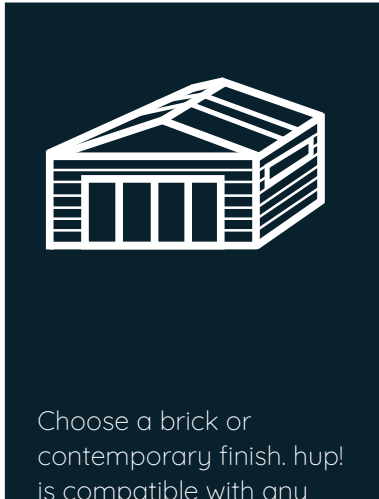
Roof



Convert more sales with a choice of four Ultraframe roofs to meet the needs of the most demanding homeowners.

four

Wall Finish



Choose a brick or contemporary finish. hup! is compatible with any external finish cladding to personalise each bespoke design.

Increase your income by up to 30% and build up to 30% more projects each year with hup!

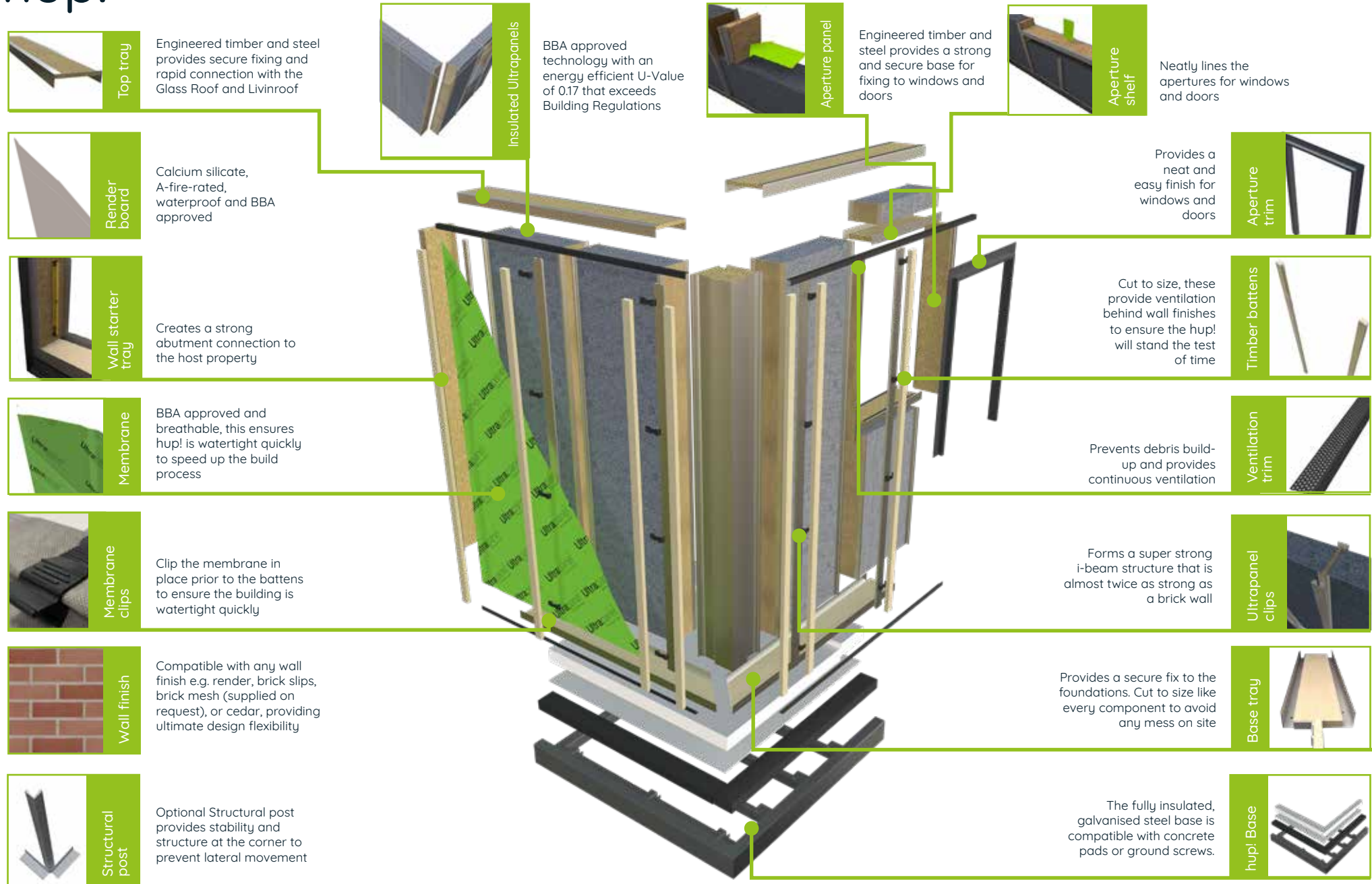
Often it can be difficult to know where to begin with an extension project and the thought of briefing an architect, navigating Building or Planning Regulations.

In the hup! software you can design your extension, then simply place your order. There are consistent profit margins as hup! materials are fixed so prices will not fluctuate during the job.

There are no need for lintels in most situations and you can order any windows and doors when you order the walls and roof.

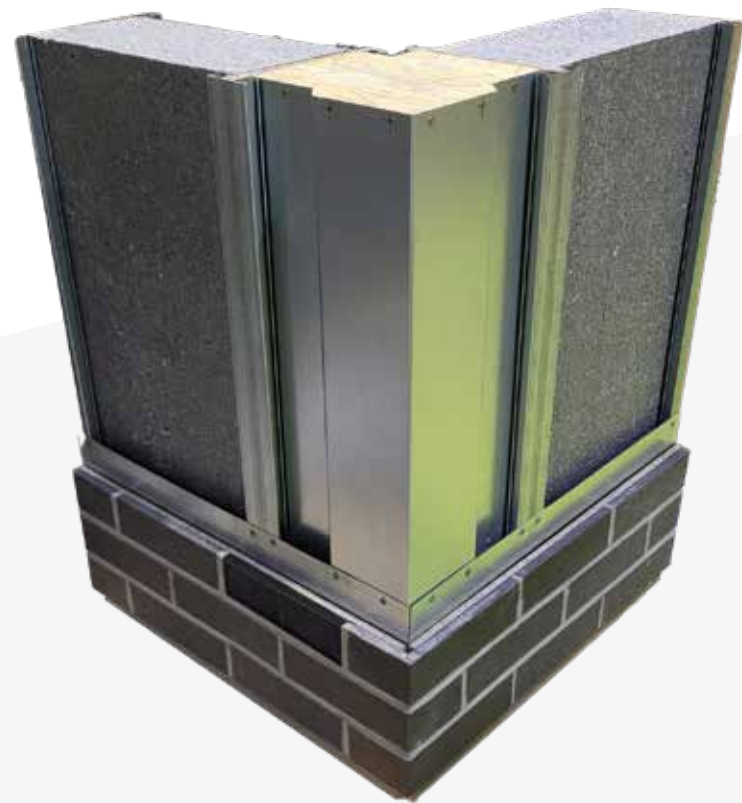
Building a hup! couldn't be simpler – no stress, no expensive experts, and delivered on time – on budget.

hup!



hup! Base

The new hup! Base solution enables full hup! extensions to be completed from start to finish in days rather than weeks vs a traditional build.



The hup! Base makes a hup! extension build even faster and is suitable for most site conditions. With predictable costs and timelines, the hup! Base also provides confidence in your pricing and makes your hup! projects even easier to manage.

No diggers are required and the need for skips is reduced and sometimes even eliminated. There is far less mess and dirt on site compared to a traditional build and the need for specialist bricklayers is eliminated.

Concrete pads can be used vs full foundations, and the system is also compatible with ground screws if necessary, requiring far less excavation work on each build and less concrete needed, which further speeds up each project and reduces the risk of weather delays.

The hup! Base is fully Building Regulation compliant with a U-Value of 0.18 W/m²K and red tape is simplified with system pre-approval by Stroma for speedy compliance.

hup!
The better way to build



Conservatory Conversions

For everything you need for extensions and conservatories look no further. We supply everything from roofs, windows and doors, through to fascias, soffits, gutters and cladding.

If you're looking for a roof for your next project, we've got you covered.

Within this brochure you'll find everything you need including roof type, style, colour, glass, lighting and finishes.



Build an extension the modern way with Tiled Roof

Features and benefits

- Span up to 4m unsupported over bifold or sliding doors
- Choose from full length performance glass or roof windows
- All components cut to size – quick install
- Suitable for new extensions or replacement roofs
- Lightest tiled roof on the market – only 38kg/m²
- U-Value of 0.15, option to go as low as 0.12
- 10 year guarantee

Top Tips

- Measure from internal frame
- Roof manufactured with standard 40mm soffit overhang beyond external frame or 151.5mm extended soffit beyond external frame.

Sarah and Steven's hup! story

Outdated to outstanding in a matter of days

Sarah and Steven's conservatory had stood unloved and unused for some years. The polycarbonate roof and dwarf walls didn't fit with the modern feel of the rest of their home and over time the guttering had become distorted which further added to the dated look.

The couple had wanted to convert their conservatory into a modern, usable space for some time but each time they looked into it, they were put off by talk of spiralling costs, long build times, weather disruption, and huge amounts of mess to their home and garden.

Then they heard about hup!

Thanks to the lightness of hup! walls, the whole new hup! structure is lighter than the old conservatory. If they had built the new extension in brick and block, the structure would have been significantly heavier and most likely have needed a new base.

The new lean-to tiled roof means the internal roof height is far higher than it was. This, coupled with 10% extra floorspace thanks to the slimness of hup! walls means that the stunning new extension feels – and actually is – bigger than the previous space.

“Seeing the hup! build take place in just 3-4 days was incredible and it was great that one small team took care of everything. We couldn't believe how warm it was, even before our radiator was fitted.

I am so glad we didn't just replace the roof.

We're delighted with our stunning open plan extension that has totally changed how we live in our home. hup! made our vision a reality in such a stress free way.”



Before



Day 1



Day 2



Day 3



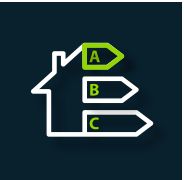
Day 4



After



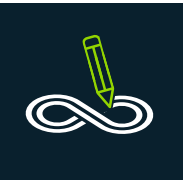
Five times faster to build



Five times more energy efficient than the average UK home



60% more carbon efficient



Ultimate design flexibility



One supplier, one project



High quality finish, every time

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