

# ultraframe

Transforming light and space



conservatory, orangery and  
home extensions





# why choose ultraframe?

Ultraframe - leading the conservatory industry through innovation and expertise.

Ultraframe has been designing and manufacturing conservatory roofing systems for over 30 years - our products transform your home by letting in light and adding space. Be it standard conservatory, orangery, glass extension or tiled roof extension, the roof is perhaps the most important element, as it has to withstand snow and wind loads, window cleaners accessing adjacent windows and, of course, remain weather proof for a very long time. That's why you should insist on Ultraframe, who have well over a million and a half installations in the field giving the ultimate in peace of mind. Ultraframe - tried, tested and trusted.



## The best products.

- Ultraframe have a roofing system solution to suit every home and every budget, with a choice of traditional or contemporary looks.
- The Ultraframe glazed roof is the most configurable on the market, thereby creating the best new space for every home.
- Ultraframe supply the widest range of styles available and offer options for personalisation to ensure your conservatory, orangery or extension will be as individual as you are.
- Our products are the most thermally efficient on the market so you'll be more comfortable in the winter. Your summer comfort is our priority too.
- Choose high performance climate controlled glazing to keep you cooler in summer and warmer in winter or what about a realROOF tiled roof extension?

## The reassurance of a quality brand.

- All Ultraframe roofs are engineered for the extremes of the UK climate and glazed roofs are approved by the British Board of Agrément (BBA) to last "at least 25 years".
- Our extensive research and development team continues to innovate and extend the boundaries of design, so when you choose an Ultraframe roof, you can be certain that you're getting the best.
- Our unique software - with its integrated design guide - draws on weather data to ensure your conservatory/extension is designed for that once in 50 year occurrence of extreme snow loads or wind speeds. Give the retailer your postcode to ensure compliance with the correct structural loads which only Ultraframe can verify through its software.

## Ultraframe Certificate of Authenticity.

We have the Ultraframe Certificate of Authenticity – your guarantee that you have a top quality Ultraframe roof. In each roof we issue a registration pack for you to complete online, once registered we issue a certificate which is a document that you can use to reassure future buyers of your home that your conservatory really does feature an Ultraframe roof.

Ask your Installer for details. In addition, you can download a free maintenance manual when you register your roof.



# contents

Gable & Georgian p4-5	Veranda p10-11	Orangeries p16-17	Home extension p22-23
Victorian & Lean-to p6-7	Pergola p12-13	Home extension p18-19	LivingLIGHT p24-25
P&T, Lantern & Portal p8-9	LivingRoom p14-15	Home extension p20-21	Glazed Features p26-27





## A gable-fronted style of conservatory adds a sense of grandeur to any home

With a high roof slope and the same floor space as a Georgian, a Gable offers excellent use of internal space. The front panel of the roof remains upright rather than sloping back to the centre as on a Georgian, creating a feeling of great height within the conservatory.



# conservatories



The Georgian design is ever more popular, mainly due to the way it optimises space, as the 90° corners are perfect for sofas and tables.

Many buyers favour the Georgian which is a flat-fronted style that offers excellent use of floor space due to a square or rectangular internal shape.

Each side of the roof slopes back to the centre and the resulting contemporary style is suited to the majority of properties.



# conservatories



Victorians are available in:

- **three facet style** – a bay front that has three main windows that give an angled appearance.
- **five facet style** – a bay front with five main windows creating a more rounded appearance.



Victorian is a popular & versatile, yet traditional style of conservatory.

Its distinguishing architectural feature, a bay front, with either an angled (3 bay) or slightly curved (5 bay) front, combined with a steeply pitched roof and ornate ridge details give this style of conservatory a more classical appearance.



# conservatories

The pitch of the roof is variable, so that a shallow pitch could fit under a low bungalow eaves, whilst a steeper pitch would match the roof of a terraced or detached house.



The lean-to style could be for those who prefer clean understated lines.

Traditional or contemporary, this style is ideal for properties with limited space under the eaves or an awkward area in which to fit a conservatory.





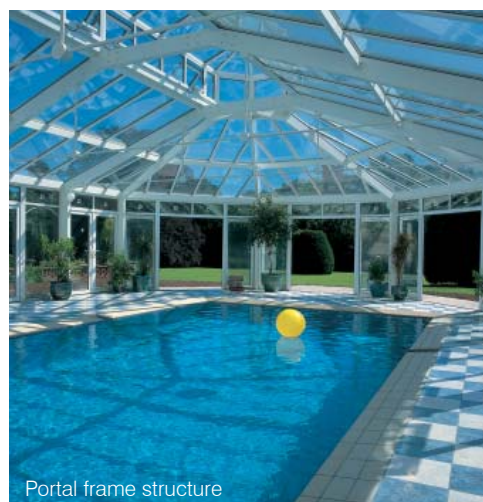
## The P & T shapes take their name from the plan view of each design

The ideal style for a larger conservatory, a P-shape can combine for example a lean-to and a Victorian, to create a versatile style that can be used as two different living areas. Due to the proportions needed to achieve both the P & T-shapes, the styles are better suited to larger properties, giving a versatile floor space and impressive result to any home.



# conservatories

Conservatories that are extremely large and require additional support to take the weight of the roof are known as large span conservatories and require a portal framework.



Portal frame structure



Lantern style

The uses for portals are endless – from magnificent swimming pool enclosures to large commercial extensions; anything is possible due to the flexibility and advanced engineering of the large span system.

Choosing a lantern style conservatory ensures drama and style, representing

the grandeur of times gone by. The two-tiered effect adds a new dimension to your conservatory and the extra ceiling height adds to the feeling of light and space. Lanterns are typically suited to older style period properties and are often chosen for swimming pool enclosures or larger conservatories and can be built in conjunction with a portal frame.





Conservatories have always been an excellent way for consumers to blur the margin between home and garden, but Ultraframe is taking the idea to a new level with its Veranda glass extension. A variety of glass extensions can be created. Please ask!



# veranda glass extension

The glazing bars in the roof oversail and carry the glass with it, to form a 'cocoon' where you can sit in the garden and be protected from the worst of the elements. The exciting thing is, there are a multitude of creative ways to use the technology.



By using large in-line sliders or bi-fold doors, a much bigger space can be created to enjoy the Veranda making it perfect for family barbeques and you can 'cocoon' yourself from the worst of the elements whilst still be sitting in the garden!

Create reverse pitch Veranda's or 'wraparound' L shaped glass extensions - it is up to you. Please explore all possibilities with your supplier.





Pergola is part of Ultraframe's breathtaking new outdoor living range. It can be used to create a stunning, contemporary patio area, allowing you to enjoy the outdoor whilst protecting you from the elements.



# pergola outdoor living

The Pergola can also be used as a patio enclosure or carport with its innovative curved aluminium beam functioning as an ingenious guttering system, delivering beautiful aesthetics in a structurally superior design.



This fusion of engineering excellence with contemporary design is reinforced by the aluminium posts being part of the immensely robust structure, whilst also fulfilling the function of a rainwater downpipe to drain water away from the building. Choose from smooth white or textured grey.

Contemporary in design and functional in use, Pergola helps you to enjoy the outdoors and your garden. The Ultraframe Pergola is glazed with toughened glass which gives you an outdoor experience, whilst protecting you from the rain.





*Living*Room is the best of both worlds, combining the light and sky of a conservatory with the walls and ceiling of an extension.

*Living*Room is truly multi-functional, creating a pleasant and relaxing space for meditation or it can be a 'full on' family room.



LivingRoom is a variable depth insulated perimeter ceiling, giving you an orangery experience at a value price point.



### LivingRoom gives you so many benefits:

- Enjoy the light from a conservatory with the feel of an extension - providing greater overall value and the best of all worlds.
- Creates a whole new dynamic to the space - a 'real room/living room' feel.
- Improved thermal efficiency when compared to a standard conservatory.
- You can maintain light and space by using windows all round, have brick piers to give a greater sense of solidity or use super insulated Loggia columns (see p18-23).
- This real room/living room feel means more styling and furnishing options and the perimeter ceiling is perfect for down lighters.





## An Orangery is a bespoke solution to adding light and space to your home.

The Orangery is a new take on the traditional atrium-style conservatory, brought up to date with the very latest technology from Ultraframe. This stunning building floods the adjoining rooms with light, whilst the interior height of the Orangery creates a feeling of grandeur that is sure to appeal to the discerning homeowner.



# orangery

The light, bright and airy interior will add a new dimension to your home and provide a seamless link between your home and garden. Externally the Orangery features a flat roof around the perimeter along with a structural grade aluminium roof capped and clad with low maintenance thermal pvc cappings and claddings.



Fascia version



Parapet version

For those wanting style - with a flat roof element all round to create what some call an atrium roof - the Ultraframe Traditional Orangery is the perfect option.

Choose from either a version with masonry parapet walls or a version with a fascia perimeter, both feature a flat roof around the perimeter.

It provides a touch more privacy than a conservatory due to the brick pillars which distinguish this style. The interior height of the Orangery roof provides a breathtaking focal point through which light floods into your home, and allows for breathtaking views of the sky above.





A luxurious interior doesn't come more AFFORDABLE than this. We offer you a range of design options, each giving you the ability to improve the look and thermal performance of your home extension.



# home extensions



Loggia Prestige – Great value, great looks. Comprising of four distinct additional elements, a Loggia Prestige feels comfortable all year round.



Loggia Prestige incorporates the super insulated Loggia narrow columns, Prestige insulating pelmet and LivinLight, which together address the three main heat loss areas, transforming a conservatory into a thermally efficient Loggia extension. This will keep the room cooler in the summer and warmer in the winter, reducing your heating bills by up to 30% when compared to a standard conservatory.

The LivinLight itself allows a new range of lighting designs for your extension. This coupled with the option of downlighting in your Prestige insulated pelmet will make your extension inviting and welcoming in the evenings too.

Externally the Loggia Prestige is beautiful, enhancing any home. The Loggia columns together with the Prestige Cornice create a wonderful look and feel, that enhance old and new properties alike.





For a bespoke solution to adding light and space to your home, choose the Loggia Premium. The light, bright and airy interior will add a new dimension to your home and provide a seamless link between your home and garden.



# home extensions



With the Loggia Premium you have at your disposal an exceptional range of design options, each giving you the ability to stamp your own personality on every aspect.



Design options include multiple wide or narrow super insulated columns sitting on or off plinths, topped with the Classic Cornice outside, internally insulated with a *LivingRoom* perimeter ceiling, warmed by Loggia radiant panel heaters and illuminated by *LivingLIGHT*.

Whether you're seeking a minimalist look or want to maximise the wow factor, you'll have every opportunity to create a stunning Loggia to suit your budget.





Perfect for those seeking an extension in total harmony with their home. The vaulted ceiling gives your new living space an even more spacious feel that you will use all year round.



# home extensions



The Loggia Ultimate fuses all of the elements of a Loggia Premium with the ultimate roofing solution - realROOF by Ultraframe.



realROOF offers a magnificent vaulted plastered ceiling on the inside enhancing the feeling of space. It can be 'dressed' on the outside with tiles or slates to exactly match those of your home.

Loggia Ultimate allows you to integrate huge sliding doors, Bi-folding doors, whole elevations of glazing mixed with masonry walls and / or super insulated Loggia columns. This gives you total control of the design and layout of your new space, and as much light as you desire.





Lighting doesn't just enhance a room; it can redefine the look and feel of your entire interior design. A well lit room helps you do all the things you love, whether it's reading a book or setting the mood for relaxation or a family get together.



With LivingLIGHT from Ultraframe there is no restriction to the style of light that can be fitted in your conservatory, Loggia or glass extension. Combine LivingRoom with the LivingLIGHT and change the whole atmosphere in your room.



LivingLIGHT works in partnership with other lighting. e.g. Spotlights in the LivingRoom Perimeter ceiling



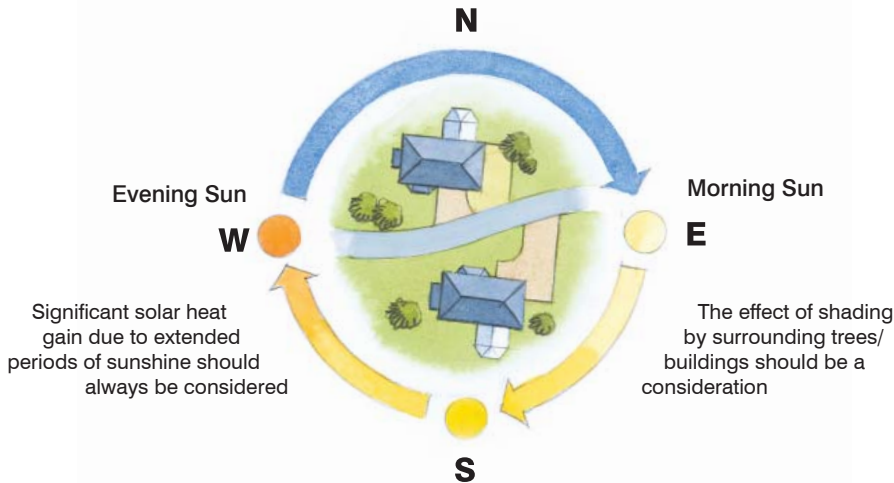
LivingLIGHT adds an insulated electrical housing system to the centre ridge under-cladding of a glazed roof (or where the roof meets the house wall on a Lean-to style conservatory). This enables you to install lights in places where you otherwise wouldn't be able to; giving your glazed extension a more 'roomlike' feel.

Furthermore, the LivingLIGHT addresses one of the main heat loss areas in a glazed extension, helping your room to remain warm and more thermally efficient. Best of all, you get to choose from the widest range of lights on the market and decorate your LivingLIGHT in a colour to suit your home.



# glazed roof features

There are a variety of options to customise the exterior and interior of your conservatory. Here we explore just some of the ways you can add your own, unique finishing touches.



## Climate control

It's vital to the maintenance of a comfortable environment - ventilation is often overlooked by some manufacturers, but Ultraframe's roof systems take care of it.

The type of ventilation needed is specific to each conservatory, based on many considerations such as size, shape and most importantly, aspect in relation to the sun. South facing conservatories need to take into account the direct sunlight they receive in summer, whilst north-facing sites need to consider heating options for the colder months of the year. Other factors to consider include overshadowing of the conservatory from obstacles such as trees and buildings and the severity of wind and snow in your area.

If all this sounds complicated, let your supplier help you select the best ventilation options for your conservatory.

Ventilation is key within the structure of conservatory roofs, so you can be assured that by choosing a conservatory with an Ultraframe roof you're protecting your conservatory from the elements and the potential for problems.

By specifying a conservatory with an Ultraframe roof, you will be able to benefit from these ventilation features - see across right (minimisation of condensation, for example) and enjoy your conservatory more of the year and your conservatory will have a long, trouble-free and low maintenance lifespan.

## High performance glass

If you're specifically wanting to bring a lot more light into your home, then a glass roof is the right choice for you. High performance roof glass works by deflecting heat from the sun in Summer to keep the inside of the conservatory cooler and by retaining the warmth from heating appliances in the Winter. It also features a true self clean coating that uses the power of the sun to break down organic deposits and then uses rain water to wash it clean away.



## Polycarbonate

Polycarbonate roof glazing is a lower cost alternative to glass but still provides excellent thermal properties and aesthetics. Polycarbonate is available in a range of colours, thicknesses and specifications:

- Clear
- Bronze
- Solar control
- Opal
- Bronze/opal



Ask your supplier for details

## Opening roof vents

Better than a window, a roof vent is a fast and effective way of allowing warm air to leave your conservatory. Ultraframe roof vents are supplied with either manual or electric openers. If you opt for electric openers then thermostats and rain sensors will allow for automatic opening and closing.

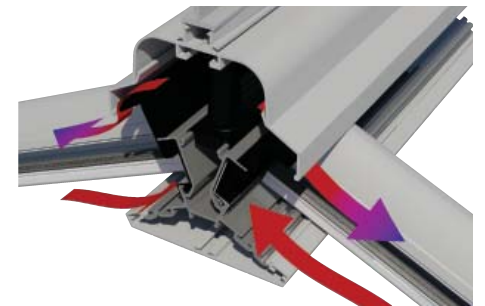


Rain sensor and thermostat.



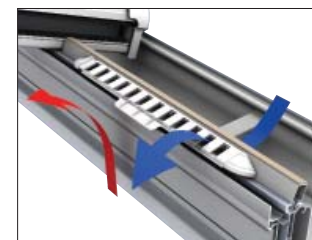
Pole operated screw jack mechanism

## Trickle ventilation system in the ridge & lean to wall plate



As warm air rises, Ultraframe have developed a ventilation system to allow this air to escape via the roof, minimising the possibility for condensation to form.

## Eavesflow (optional)



A trim that fits between the wall sideframe and roof, with built in ventilation and a slider on/off control button.



# & additional options

## Colour options

The foil laminated products used on major items in the roof and on the PVC side frames, have a real woodgrain texture to add a further dose of character. The products can be coloured one side or both, with the possibility to mix colours between the outside and the inside. Can't see the colour you want? Ask for a bespoke colour and we'll paint the conservatory in our factory!

### Here is a selection of our standard 'foiled' colours



**Grey**  
Paint matching:  
RAL7016



**Ebony Black**  
Paint matching:  
RAL8022



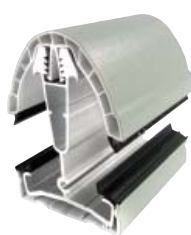
**Irish Oak**  
Paint matching:  
RAL1011



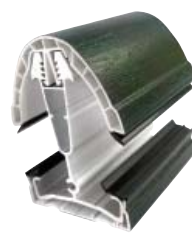
**White**  
Paint matching:  
RAL9003



**Cream**  
Paint matching:  
RAL9001



**Sage Green**  
Paint matching:  
BS14C35



**Fir Green**  
Paint matching:  
RAL6009

Colour applied correctly has a profound positive effect on your wellbeing. It strongly influences how we interact with each other and our surroundings... so do you stick to conventional conservatory colours and finishes or do you choose something different?



White



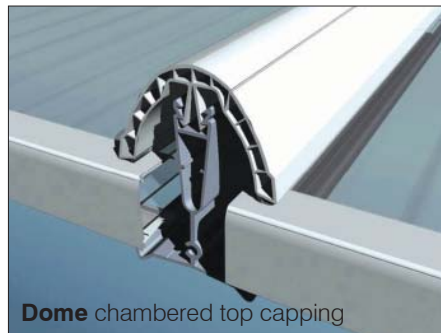
Light Oak



Rosewood / Mahogany



Standard fascia



Dome chambered top capping

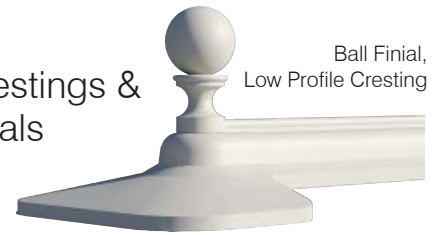
## Ultraselect Option

Ultraselect is a decorative strip that adds classical elegance. The strips simply click into place where the roof joins the side frames enabling you to change the design if you wish.

## Highly Insulated

The Ultraframe Roof - which we exclusively use - is the most insulated glazed roof that it is possible to buy. For example: The bars that run between the panels in the roof of your conservatory are covered with protective top cappings and through the use of chambered technology aid the thermal efficiency of the roof.

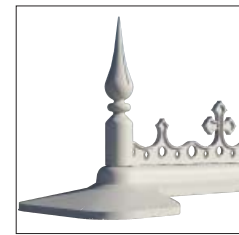
## Crestings & finials



Ball Finial,  
Low Profile Cresting

Crestings and finials are the decorative fittings that run along the top of your conservatory roof. There are crestings and finials to suit all tastes.

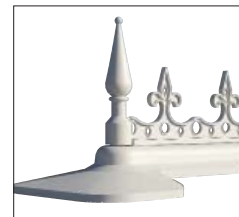
Not all crestings and finials are exchangeable / compatible with each other. In certain situations - e.g. colours - not all options are available.



Classic Finial,  
Classic Cresting



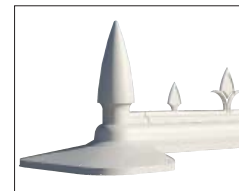
Classic Finial,  
Baroque Cresting



Sceptre Finial,  
Elizabethan Cresting



Coronet Finial,  
Tudor Cresting



Pikestaff Finial,  
Renaissance Cresting+



Low Profile Ridge /  
Cresting



## Tie bars

A tie bar is sometimes specified to help support the weight of a large roof or one that is fitted with glass. The position of the tie bar is dictated by engineering principles, and so they must be fitted. See p10 for a large picture of a roof featuring a tie bar. Ultraframe, however has developed a range of structural components to remove the necessity of tie bars in many projects. Please speak to your supplier to find out more about this option.





Loggia Prestige



Loggia Premium



Loggia Ultimate

**QUANTAL**

[www.quantal.co.uk](http://www.quantal.co.uk)

**ultraframe**  
Transforming light and space

[www.ultraframe.co.uk](http://www.ultraframe.co.uk)