Conservatories, Orangeries and Glazed Extensions

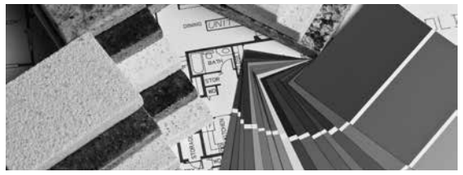
Think bigger for more style, more space

Glassroof
By Ultraframe

A better way to plan

Your project, one supplier, one price. Experienced project managers have all the expertise you need to bring your ideas to life, with state of the art tools to help you visualise your designs and structural engineers on hand to make them happen. Regulatory approval is easy, with a range of products specially designed to meet and exceed Building Regulations.

A better way to create warm, bright spaces



A better way to build

We work harder to make it easier for you. Our high quality components are engineered and pre-manufactured to your specifications, they are faster to fit, and often reduce the number of trades people and time required on site. Yet we never compromise on quality to achieve this convenience, so you can have your new space built with complete confidence.

A better way to live

Our thermally efficient glazing and innovative building solutions mean that your home will be flooded with natural light and maintain a comfortable temperature all year round. Plus there are endless design and colour options to help you personalise your room, from stylish perimeter pelmets with integrated lighting, to super-insulated columns and decorative cornices.

Add style and space the easy way. Let us help you re-imagine your home and take care of all the details.

Flood your home with natural light and enjoy both the aesthetic and health benefits it brings, whilst having peace of mind in the excellent thermal performance of your conservatory.

Ultraframe makes the functional inspirational, creating the innovative solutions you need to make your dream home a reality.

Why choose **Ultraframe?**

Ultraframe is the leading name in conservatories, orangeries, glazed extensions and replacement conservatory roofs. We've been designing and manufacturing British made roofing systems and other building solutions for over 40 years and we're proud to have helped extend and improve over two million UK homes.

Conservatory roof manufacturing technology has come a long way in the past few decades, enhancing the range of design options and saving you money on your energy bills. Advances in glass technology mean that a conservatory can be very energy efficient and can reduce sun glare, enabling you to use your conservatory all year round. A high performance glass roof allows a plentiful supply of natural light into your home and is available with many design styles and shapes to help you create a stunning space.

08. Conservatories
10. Orangeries
12. Glazed Extensions
14. Replacement Roofs
16. Structural Support
18. Style, Design & Technical

Ultraframe's products are pre-approved to meet Building Regulations, so there's less red tape!

Extend your home with a glazed extension that complements both your home and your lifestyle. Ultraframe gives you the options to help you build your perfect living space.

The perfect way to build a conservatory, orangery or glazed extension.

Whether you are planning a new build extension or are looking to refresh an existing conservatory with a replacement roof, Ultraframe has the perfect option for you. Opt to build a conservatory, orangery or glazed extension to create a fresh new living space tailored to you. Go for a traditional or contemporary design; a dwarf wall and a classic conservatory roof or super-insulated columns and orangery inspired internal pelmets. Choose from a range of glass types to maximize thermal efficiency and a range of colours to add an extra touch of personality.

Whichever design you choose, you can count on the very best thermal performance and lasting quality.

Conservatories

High performance glass means you can flood your home with natural light whilst maintaining an optimal temperature throughout the seasons. *See page 22 for performance glazing options.*

A conservatory to suit your surroundings

A palette of colour options gives plenty of choice from contemporary greys to heritage colours.

Easy on the eye

Modern, clean lines in the roof open up the skies above bringing natural light and stunning views.

Any size, any shape

Choose from popular, contemporary shapes to suit your home. Choose a lean to for a simplistic shape or a georgian or gable shape with a vaulted ceiling to increase the sense of space.

Enhance your conservatory with sound, light and style. Elegant super insulated columns create a contemporary look, coupled with high thermal performance, which means you can have more glass and natural light in your conservatory.

An internal pelmet adds a room-like feel to your space, providing extra insulation and a place for downlighting and speakers. Add a cornice for a sleek and modern finish, choosing from traditional elegance to contemporary chic. *See page 18 for enhancements.*

Gable with curved cornice

Georgian with curved cornice and internal pelmet

Orangeries

An orangery offers you an exciting and inspiring design that combines the light and open feeling of a conservatory with the tall, pillared grandeur associated with a traditional orangery.

An orangery gets its distinctive look from its lantern shaped roof that creates a real focal point for your room. Ultraframe's advanced insulation technology and thermally efficient glass means that your orangery will always be warm, welcoming and cosy or cool and airy depending on your desired optimal temperature.

Create a traditional or contemporary orangery with a double hipped glass roof and internal pelmet or a flat roof and lantern, paired with solid brick columns or aluminium clad super-insulated columns.

An orangery by Ultraframe combines fresh modern styling with the latest in glazed roof technology. Choose to upgrade to a slimline ridge for less bars and more glass, flooding in more natural light and stunning views. Hidden structural goalposts in the roof design give discrete strength, allowing for large open spans of contemporary bi-fold or sliding doors that create 'grand-design' style home extensions.

Glazed Extensions

Enjoy stunning, uninterrupted views with a glazed extension.

A glazed extension is filled with huge amounts of natural light yet is insulated enough to be opened up to the rest of your home to create a beautiful open plan living space.

These stunning contemporary spaces will be the same temperature as the rest of your home, thanks to a combination of solid walls, high performance glass and an insulated internal pelmet.

Adding large span openings with bi-fold or sliding doors means that you can open a glazed extension up to the outdoors, creating a seamless connection between your home and garden.

Of course, you could add French or patio doors to your glazed extension if you prefer- the choice is yours.

The integrated structural goalpost makes it simple and flexible for you to design your perfect glazed extension with your installer. *See p16 for our full structural support suite.*

After

Replacement Roofs

Updating your conservatory with the latest roofing technology from Ultraframe can have a significant impact on the thermal efficiency of your home, making your new room comfortable and cosy all year round.

Replacing the roof and possibly windows and doors is a simple and cost effective solution that can add value as well as warmth, updating your conservatory to the room you want it to be.

Ultraframe's Glass Roof system can be made to any shape or size to fit on an existing dwelling or foundation.

Glass roof technology has come a long way in recent years, meaning that glass is now much more thermally efficient and reduces sun glare. Replacing your roof with high performance glass allows a plentiful supply of natural light to come into your home whilst keeping your room comfortable all year round and reducing heating bills.

Personalise your replacement glass roof by adding a pelmet internally, along with a cornice externally, *see p18.*

Before

Structural Support Solutions

Create beautiful, structurally sound conservatories and glazed extensions with large openings by adding bolsters to the standard eaves beam as required.

Achieve open-sided grand-designs with clear openings in excess of 6.5m, and doors in excess of 10m. Ultraframe's structural support solutions, including a range of goalposts, provide a hassle-free route to creating large spans of doors or clear spans that are now a key feature of many conservatory and extension designs.

When designing a conservatory or glazed extension with large sets of doors, it is important to ensure you have the right structural support for the roof. This means that the doors underneath don't stick and the corners of your extension have sufficient support to avoid any risk of the building racking. Ultraframe's range of beam reinforcements and goalposts have been specifically designed to work in glazed extensions and conservatories. They are easily integrated into your design without obstructing sightlines so you can enjoy uninterrupted views of your garden.

Goalpost

Super Duty Eaves

Bi-fold Support Beam

Eaves Super Bolster

Combined Bolstered Eaves

Insulated internal pelmet

The internal pelmet is available in any depth between 300mm and 1200mm, this means you can enjoy the light of a conservatory, the look of an orangery and the solid feel of an extension, all in one great value option. Not only will you gain added insulation, you'll also add ambience, with space for downlights, spotlights and speakers.

Slimline ridge

A slimline ridge creates a sleek and contemporary finish to your glazed roof. With less glazing bars required on this super strong ridge, you can let even more light flood in and enjoy uninterrupted views.

Classic ridge

Opt for our classic ridge for a traditional and elegant finish to your glass roof design.

Add sound, light and style; create the **perfect room** for your family and friends

Super-insulated columns

Super-insulated columns add an elegant look to your room, they also deliver five times the insulation of brick pillars.

Cornice

Choose a curved cornice for an elegant traditional look or a flat cornice for more modern designs. One, two or three tier flat cornices finish your structure in style, while hiding the gutters.

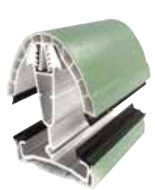
Roof vent

A roof vent is one of the fastest ways of ventilating a conservatory during the warmest months of the year. Roof vents are available with a choice of manual openers or an electronic option with thermostat and rain sensor.

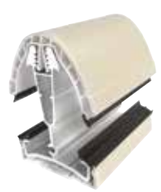
1. Insulated internal pelmet. 2. Slimline ridge. 3. Cornice. 4. Roof vent. 5. Classic ridge. 6. Super-insulated column.

Change everything with a splash of colour to make a real style statement.

White



Sage Green

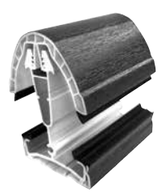


Cream

Irish Oak

Rosewood

Light Oak



Anthracite Grey

Ebony Black

Live life in colour

Make your living space your own; an Ultraframe conservatory or glazed extension is available in any RAL colour. From sophisticated ebony black, to contemporary anthracite grey, traditional white or unique emerald green, colour can make a real style statement. Choose one colour for the inside and another for the outside if you wish to complement your property and interior design.

Please note that some options are only available with certain systems/designs. Your Ultraframe installer will advise accordingly.

A coloured conservatory consists of foiled and painted parts along with base colour extrusions. Every effort is made to ensure gloss levels are within reasonable tolerance. RAL and BS colour references are made in good faith. White gutter on white foiled roofs and black gutter is standard on all colour/finishes except Rosewood and Light Oak, where base extrusion colours are used.

Pictures are used for illustration purposes only. Colours throughout are reproduced as accurately as printing/screen will allow, if in doubt always request an actual physical sample of tile/bar/foil swatch.

Glazing options

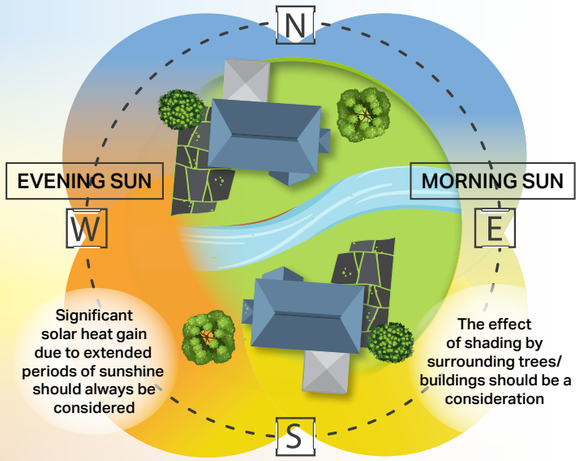
The glazing in your roof can have an impact on its temperature and energy efficiency so it's important to work closely with your installer to choose the correct specification for the orientation of your home.

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 low solar rejection 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 higher levels of solar rejection. We can supply glass with a U-Value of just 1.0, which is three times more energy efficient than a standard glass unit.



Conservaglass by Ultraframe "Energy Saving Glass"

	Best Insulation					
Performance	Low		Medium			High
Product Range	Ultimate Blue	Aqua 4S	Bronze 4S	Blue 4S	Neutral 4S	Clear 4S
U-Value	1.0	1.0	1.0	1.0	1.0	1.0
Light Transmission	24%	29%	42%	28%	38%	68%
Solar Gain (G)	18%	19%	34%	33%	30%	45%
UV Protection	94%	94%	91%	92%	85%	80%
Colour Tint	Blue	Aqua	Bronze	Blue	Neutral	Clear
			Best all rounder			

	Great Insulation					
Performance	Low	Medium			High	
Product Range	Std Aqua	Std Bronze	Std Blue	Std Neutral	Std Clear	Std Glass
U-Value	1.2	1.2	1.2	1.2	1.2	2.8
Light Transmission	32%	52%	24%	44%	77%	80%
Solar Gain (G)	24%	49%	46%	43%	70%	75%
UV Protection	92%	82%	90%	79%	71%	25%
Colour Tint	Aqua	Bronze	Blue	Neutral	Clear	

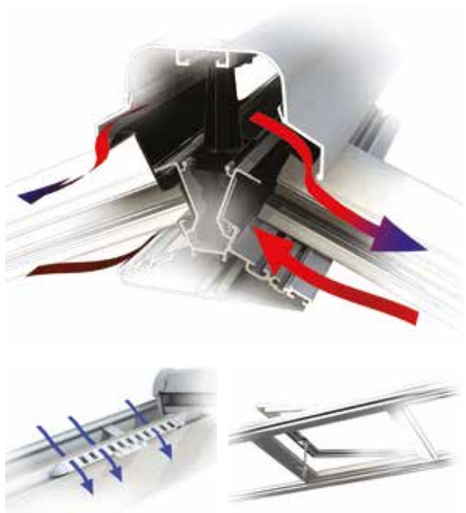
The position of your roof can have a direct impact on the design. South facing sites receive more sun than North facing.
The need for ventilation and shading will also vary and effect the choice of glass.

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.

Choose the Ultrasky Roof for a minimalist design with fewer bars for uninterrupted views and maximum light.

Ventilation

The type of ventilation you need is specific to your conservatory, based on many factors such as size, shape and most importantly, aspect in relation to the sun. South facing sites may need more ventilation than North facing sites, and other factors to consider include overshadowing from obstacles such as trees and buildings.
A range of ventilation options are available to create a comfortable living environment, all year round.



Engineered to your postcode

All our roofs are designed for the extremes of the UK climate and every Ultraframe roof is engineered to your specific postcode. Our specialist software uses accurate data from NASA to calculate the altitude of your home along with predicted snow loads and wind speed.

The integrated structural design guide within the software draws on weather data and designs your new conservatory, orangery or extension for extreme snow loads and wind speeds that may occur in your location. Simply give the installer your postcode to ensure compliance with the correct structural loads.

Our research and development team continues to innovate and enhance our products, so you can be certain that you're getting the latest in roofing technology engineered specifically for your own home.

more **style,** more **space**

Glassroof
By Ultraframe

We have been trading for over 40 years and strive to deliver unrivalled quality and service.

It is Ultraframe's policy to continually seek to improve its products, processes and service and we reserve the right to change specifications without prior notice.
For further information ask for the CORE brochure.

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