YOUR ESSENTIAL GUIDE





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A Quick Note From The Editor...

Welcome to issue 5 of the Ultraframe Essential Guide to Conservatories - an informative and inspirational read to guide you effortlessly through the conservatory buying process.

With so many of us leading increasingly busy lives it is becoming a necessity to have a haven within our homes to relax in and a conservatory can be the perfect place to do this. Of course, what we count as a haven of relaxation is different for us all – for some it's playing with the children, admiring the garden or having a space to go on the internet or read in peace – a conservatory can be all of these (and more) and this guide is designed to help and inspire you to create a conservatory that is perfect for you and your home.

Practical advice about ventilation and layout is coupled with ideas about how to furnish your new living space for maximum impact, dependent on your chosen site.

We hope you enjoy browsing the Essential Guide as much as past readers – a selection of letters is shown on page 2 from people who are already enjoying the benefits of their Ultraframe roofed conservatory.

Enjoy the magazine, Best Wishes



Ultraframe Marketing Manager and Chairman of the **Conservatory Association**

Jank + Janson ultraframe

P.S. Ultraframe supplies the conservatory trade with their roofs - well over 1 million in the last 10 years alone! See Page 6 for further details on Ultraframe



notice board

A selection of letters and photos from readers of our last edition.

Send yours to: Mark Hanson, Essential Guide Editor, Ultraframe (UK) Ltd, Clitheroe, Lancashire, BB7 1PE

Our Beautiful Haven!

"Having decided to add a conservatory to our home, we set about finding a reliable supplier who would deal with us honestly, give us good advice but provide what 'we' wanted, as opposed to what a salesman wanted to sell us. Price was also a consideration of course but we were not prepared to compromise quality to get a cheap deal. Over 3 months we looked at 10 companies and were amazed at the variation in product and the lengths some were prepared to go to, to get the job.

A member of the Ultra Installer Scheme impressed us by their no-nonsense, professional, approach as well as the obvious quality of their team and product. In particular we wanted a larger, steeper angled roof to work with the self-cleaning glass we had chosen. Our chosen Ultra Installer simply said "We can do that with Ultraframe" and did! In short, their team delivered exactly what we agreed, on time, at the agreed price and left the site clean and tidy. We were delighted then and we remain very happy users of Ultraframe and of the Ultra Installers."

Michael Frost, South Woodham Ferrers, Chelmsford, Essex



Letter Of The Weekl



What A Great Venue For A Girl's Night In!

I just wanted to write in to show you my unusual use for a conservatory – I hosted a night of my friend's hen weekend in mine and it looked really pretty, decorated with ribbons and balloons! My friends were all surprised as they previously thought of a

conservatory as a relaxing room – not a great venue for a girls night in!

Miss Walsh, Lancashire



Dining Out!

Whilst researching for our conservatory project a colleague recommended we chose an Ultraframe Ultra Installer. We approached a local Ultra Installer we found using the Ultraframe website and never looked back. There was no hard selling or false promises, every stage was managed professionally, from the initial buying process to adding the finishing touches of the installation.

My wife and I love using our conservatory for entertaining our friends in the evening and would most definitely recommend an Ultra
Installer to friends and family.

Mr Roberts, Lancashire





A POTTED

Often citrus trees were sheltered and nurtured here, and the conservatory became known as the orangery...



onservatories began life as places for potting and preserving tender plants. Originally they were outbuildings to country houses and stately homes, and very much the domain of the gardener and his men.

Such facilities were refined and became increasingly popular during the eighteenth century as glass became less of a luxury – and as our increasingly intrepid ancestors returned from the far corners of the world with exotic botanical specimens to cultivate at home. Often citrus trees were sheltered and nurtured here, and the conservatory became known as the orangery.

As so often happens, a purely functional space gradually began to take on decorative aspects. People became aware that the glasshouse could also be a garden room: a delightful spot in which to enjoy outdoor views and an alfresco atmosphere while remaining sheltered from the elements.

In the early nineteenth century casting and building techniques with iron greatly advanced. At the same time, mass-production made glass even cheaper and more widely available. On the one hand this made even grander conservatories possible, featuring more delicate and elaborate structures. On the other hand it meant that much humbler homes could now aspire to a conservatory. The domestic conservatory as we know it today began to take shape.

Public conservatories also sprang up, and many of the Winter Gardens which grace so many of Britain's holiday resorts and spa towns are still standing.

The greatest of them all, however, is no longer with us. The magnificent Crystal Palace was built in London's Hyde Park to house the Great Exhibition of 1851 and later moved south to Sydenham, only to be destroyed by fire in 1936.

The Edwardian era saw a final flowering of the conservatory before it went into a long decline. Rich people lost interest because conservatories were becoming everyday additions to modest properties, whilst ordinary people found that they no longer met their increasing standards of warmth and comfort.

It is no coincidence that the modern conservatory revival began when the invention of float glass in the 1960's provided a solution to the discomfort problem – in the form of the double glazed sealed unit. A single glazed conservatory is a chilly place in inclement weather, and a heated single glazed conservatory is warm, but humid – ideal for plants but rather clammy for people.

Glass technology has continued to advance and to improve conservatory comfort. Nowadays Ultraframe has even developed an exclusive type of insulated double glazing especially for conservatories. Ultraframe ConservaglassTM provides a single answer to the twin problems of excessive solar heat in summer and losing warmth in winter – creating a conservatory for all seasons.

The next chapter in the history of the conservatory starts here.

what a conservatory?

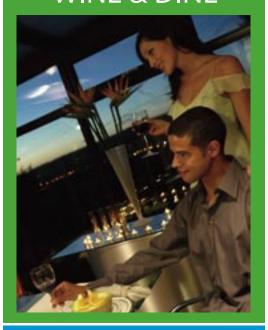
can do for you...

A conservatory can be a multi functional place, depending on the day of the week, time of day, your family & mood

SOCIALISE



WINE & DINE



FAMILY TIME



WORK



RELAX



PLAY



WHY choose a conservatory?

The answer to this question is different for different people. For some, a conservatory is a haven of peace and relaxation, whilst for others it is the noisy heart of their home - an important living space where the family gather to chat about the events of the day. The important thing to remember is that a conservatory is a versatile space that can be used as you wish and adapted easily as your lifestyle or even just your mood changes.



Many people don't realise that a conservatory is like a big jigsaw, with all the pieces joining together to produce a finished product. The main pieces to a conservatory are the base, the sideframes & door/s and the roof. The roof is the most important structural element in any conservatory, providing strength, stability and ventilation to ensure you get the maximum enjoyment from your new conservatory; so you should choose the best available. Ultraframe are acknowledged international leaders in the design and manufacture of conservatory roofing systems - with an Ultraframe roof, you can be sure your conservatory roof will be robust, durable and long-lasting! Not only that, but you can be confident that the flexibility of the Ultraframe system will mean that your perfect conservatory can become a reality, no matter what your proposed site.

All our systems are designed in accordance with the highest engineering principles, plus the roof is backed by a 10-year product guarantee and 25 year BBA (British Board of Agrement) life expectancy.

Unlike some alternative systems, all Ultraframe roofs have excellent integrated controllable ventilation systems for your year-round comfort, ensuring that your conservatory can be enjoyed all year round, no matter what the weather.

Our products are adaptable to a wide range of projects from small domestic conservatories to large-span swimming pool enclosures or restaurant extensions - so whatever your plans, there's bound to be an Ultraframe roof system for you!

To get the full story, ask your local Ultra Installer to show you the DVD



In years gone by, conservatories were always thought of as a garden room, furnished with several chairs to view the garden. Whilst this is still a lovely relaxing way to enjoy a conservatory, many homeowners have now realised that conservatories make great offices, playrooms or even kitchens. The images on this page will help to inspire you as to how you will use your conservatory.



Do we need **Planning Permission?**

No in most cases is the resounding answer. And even if it is required, you don't need to worry. One of the many excellent reasons for choosing an Ultra Installer Scheme member is that they will be delighted to give you expert advice about Planning Permission and Building Regulations. (Even if planning permission is required, chances are they'll sort it out for you.) Here's a quick summary of the basic facts...

In England and Wales, official permissions are generally not required as long as the conservatory in question...

- Has a roof made of at least 75% transparent or translucent material
- Has at least 50% glazed walls (i.e. no more than half of the wall area should be brickwork, masonry or solid panels)
- Has a floor area of no more than 30 square metres
- · Is at ground level
- Is permanently separated from the rest of the house by an exterior quality lockable
- · Has thermostatically controlled heating
- Is not being attached to a listed building
- Does not contain sanitary or drainage facilities (One of the likeliest reasons for a conservatory requiring Building Regulation approval is that all or part of it is being used as a kitchen)
- · Satisfies the Building Regulations with regard to toughened or safety glass (Any Ultra Installer will make sure this happens automatically) Please note that requirements in Scotland and, to a lesser extent

Northern Ireland are different than those in England and Wales. We suggest that you contact your knowledgeable Ultra Installer or local authority - the guidance above is only a snapshot.

View planningportal.gov.uk for further information for England and Wales



Most homeowners would rather have a conservatory than any other type of home improvement - according to Legal & General's Moving Intentions Survey.

Size Matters (Shape too!)

official permiss

Your conservatory doesn't need to be enormous, just big enough. Small can be beautiful, and it can lower the cost of course, but be sure you're not making a false economy. Take the planning stage seriously. Never ever be satisfied with just having a mental picture of your conservatory's dimensions, as sizes on paper can be very deceptive. There's no substitute for getting outside to measure up, physically mark out the boundaries of your proposed conservatory and walk around inside it.

Better still, put some tables and chairs out there and see how they fit into the space you have marked out.



Don't Expect The Tardis Effect

Remember that cavity walls and double glazed units take up space. Unlike Doctor Who's famous Tardis, the inside of your conservatory will be smaller than the outside. Ask your installation company what the precise internal dimensions of your completed conservatory will be.

As a "rule of thumb", to estimate the internal length (i.e. how far your conservatory projects from the house) subtract 10.5inches(275mm) from the external figure. To estimate the internal width, subtract 21inches(550mm) from the external figure.

Position

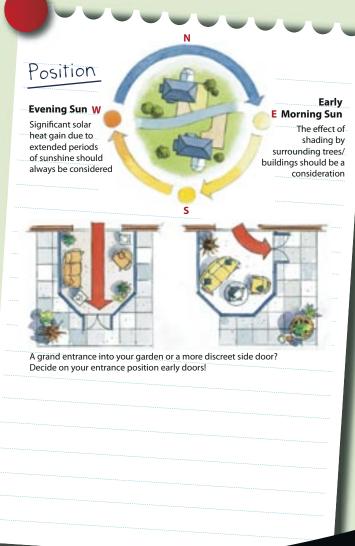
The aspect (position) of your conservatory can have a direct impact on your final choice of design and layout. South-facing sites receive much more sun than north-facing, and this can make different equipment, furniture and fittings advisable. In particular the need for ventilation and shading will vary. It may even affect your choice of roof glazing.

Roof Glazing Options - Polycarbonate or Glass?

One of the main decisions you need to make when choosing your conservatory is about the type of glazing in the roof. Many people automatically think of a conservatory as a glass-roofed building. So they are surprised to be told that conservatory roofs are often not glass at all, but a special type of translucent plastic known as polycarbonate.

Polycarbonate conservatory roofs were originally developed to provide a light, inexpensive and easy to install alternative to glass, with comparable heat insulating qualities to double glazing.

Nevertheless, most people would ideally like their conservatory to have a glass roof and are delighted to hear that this is now a more realistic option than ever before. Ultraframe Conservaglass™, which is described in more detail on page 19, is the latest in a succession of developments which have been made to the basic sealed double glazing unit over the years. It has been engineered for the particular needs of a conservatory roof, which needs to keep the conservatory warm in winter yet cool in summer, while minimising glare and harmful UV radiation all year round. Moreoever, Conservaglass features a self cleaning exterior coated bonding which harnesses the suns energy and rainfall to keep it clean. Your Ultra Installer will be delighted to tell you more about the latest amazing developments in conservatory glazing.





Now the paperwork is done...

You've dreamed your dream and formulated your big idea. You've sat down and talked it all over with your installation company's design consultant, and confirmed the details. You've had visits from the installation company's surveyor. He or she has inspected your property, translated all you've agreed into a practical plan and thought about the entire project in fine detail. From providing the drainage to positioning the doors. From access for delivering materials to covenants and building regulations (if required).

So what next?

You can relax, that's what! Planning's over and it's time to construct that conservatory you've been dreaming about. Enough of the preliminaries, and on with the main event! In truth, there's very little for you to do now, except get ready to enjoy a wonderful new dimension of light, space and comfort in your home. Choose well and you can be confident that expert and experienced installers will carry everything out with maximum efficiency – and minimum inconvenience.

Read our step-by-step guide to how a typical conservatory is constructed, from footings right through to flashings. And of course, by choosing an accredited Ultra Installer member, you can be confident that you are avoiding the cowboys.

The Complete Step-By-Step Guide

Ask your Ultra Installer for your FREE copy...

Once your conservatory is built, just sit back and enjoy. Your conservatory is complete and ready to give you at least 25 years of luxury & pleasure





Having a conservatory built involves lots of different steps that may appear complicated. However, once you understand what to expect you will be able to sit back and relax as you watch your conservatory take shape - step by step. Here we have detailed the main stages:



The site is prepared, the foundations dug, drainage installed and concrete poured in to create the foundations.



If required, a dwarf cavity wall is built. If you are having a conservatory with full height side-frames, then step 2 will be omitted.



The floor slab is prepared and insulation is added to the cavity wall and floor slab.



Once the inner and outer leaves of the cavity walls are completed (to match existing brickwork as close as possible), PVCu cills and frames are fitted to the top of the dwarf wall.



The roof is then installed - aluminium glazing bars (thermally clad in PVC for extra insulation) are fitted to the roof prior to glazing installation.



The ventilated aluminium ridge is fitted; internal cladding is fitted to the ridge and glass sealed units are fitted into the side frames to complete the structure.

STEP 7 - Now you can have fun choosing furniture and plants.

Sit back and enjoy the additional light and versatile living space provided by your Ultraframe roofed conservatory.





which STYLE?

Choosing the style of your conservatory is an important decision and one that you need to consider carefully...

Not only do you need to think about the style that will best complement your home, but also the style that will match your lifestyle and be suited to how you want to use your new space.



Did you know that we also

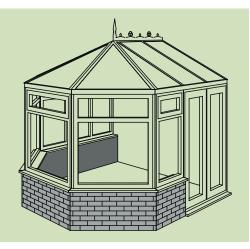
Ultraframe can also create stunning larg system. Portals are simply larger beams support and anything is possible due to engineering of the Ultraframe large spa Ask your Ultra Installer for further d



Victorian

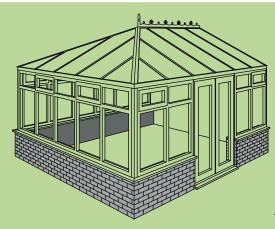
A popular style distinguished by a faceted front, giving a curved appearance. The number of facets can vary and the more facets there are, the more curved the end of the conservatory will appear.

A Victorian style conservatory is particularly suited to period properties but its clean lines make it a winner on any type of home.



Georgian

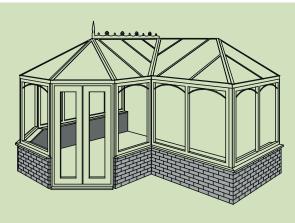
A flat-fronted style that offers excellent use of floor space due to the square or rectangular internal shape. Each side of the roof slopes back to the centre and the resulting contemporary style is suited to the majority of properties.





P-Shape

The ideal style for a larger conservatory, a P-Shape can combine a lean-to and a Victorian for example, to create a versatile style that can be used as two different living areas. Due to the proportions needed to achieve the P-shape, this style is better suited to larger properties, giving an impressive result.

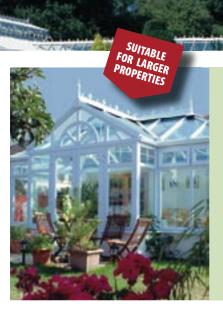




do Large Span Systems?

e span conservatories with our portal and columns that add structural the flexibility and advanced n system.

etails.



T-Shape

As with a P-shape, this style is more suited to larger properties.

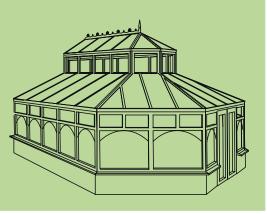
A combination style that's distinguished by a central projection that can either be a Victorian, Gable or Georgian. A T-shape offers a large and versatile floor space and is an impressive addition to any home.

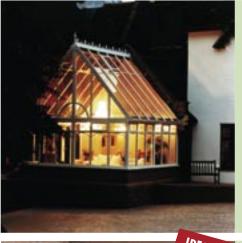




Lantern

The 'original' conservatory style, dating back to the orangeries of days gone by, a Lantern conservatory ensures drama and grandeur. Distinguished by the two-tiered feature roof, the height within a lantern adds an extra dimension to the feeling of light and space. Typically chosen for older properties due to their traditional look, a Lantern is also a popular choice for swimming pool enclosures.

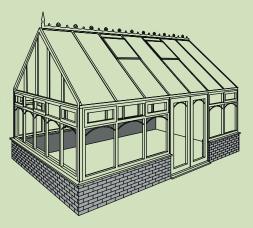




Gable

A gable-fronted conservatory adds a sense of grandeur to any home. Featuring the same rectangular 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 - this creates a feeling of greater height within the conservatory.

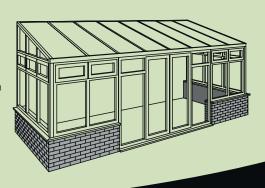




Lean-To

For properties with little room under the eaves or for those homeowners that prefer a clean simple look, a lean-to conservatory is the ideal choice. The pitch of the roof can be varied, making this a versatile and everpopular style option.

For a lean-to with a difference ask your installer about the Elevation Plus system from Ultraframe. The hipped wings to the sides of the roof allow extra light to flood into the conservatory and create a distinctive, contemporary look.





s you may have realised as you read this guide, Ultraframe are the pioneers of the conservatory industry, continually pushing forward the boundaries of technology and design. Where we go, others attempt to follow and so our extensive research and design team are continually focused on creating systems that are not only the most technically advanced, but also the most stunning to look at - after all, that's what it's all about. Our latest innovative roofing systems are testament to this heritage.

For those wanting a modern take on an atrium roof, the Ultraframe Orangery is the perfect option to bring light and an immense feeling of space into an existing room or new conservatory.

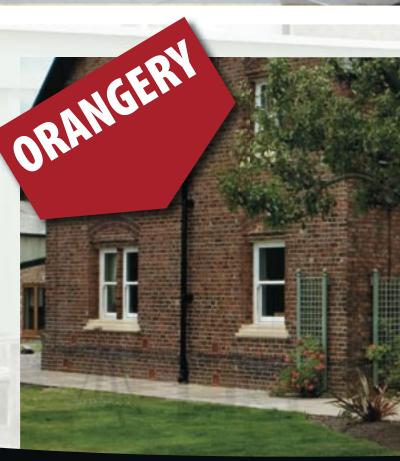
For further details about these exciting roof styles find the details of your local Ultra Installer by calling:

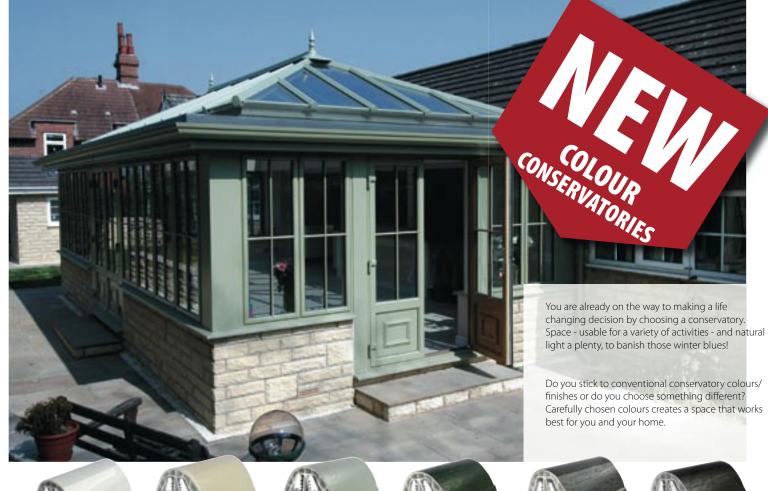
0500 822340



or visit our website at

www.ultraframe-conservatorires.co.uk







White...



...Cream...



...Sage Green...



...Fir Green...



...Grey...



...and Black!





our local Ultra Installer is accustomed to finding ingenious solutions for the most unpromising sites, and can find a way around most problem locations. When the sales contract is signed, an initial survey takes place and the basic problems are identified.



Features such as downpipes, manhole covers and boiler flues also need to be considered. If they can be planned around, then they won't need to be expensively re-located.

As mentioned earlier, it's wise to 'plot out' the shape and dimensions of the proposed conservatory on the actual site using stones or pegs. This will help you to get a physical feel for the project, rather than a mere mental picture. This, too, is the time to determine the height of the dwarf wall upon which the side panels of your conservatory will sit. If your site slopes, even a little, the wall will need to be either taller or shorter than otherwise to allow for the incline. It is essential, once you have decided on the height, to test the view over your proposed wall. Sitting down in your completed conservatory for the first time is not the greatest time to discover that you can't see comfortably over the wall! Alternatively, consider full height frames.

Think about any potential obstacles to the building work such as trees or bushes. Even the roots of a large tree in another part of the garden could be in the way when it comes to digging the foundations for your conservatory. Your Ultra Installer member will undoubtedly ask about these as part of the initial survey. If you have your answers ready, it could help greatly to speed things up. The good news is that none of these problems need to be insurmountable. But the earlier they are dealt with, the less they are likely to hold things up.



Include Cavity Trays For Rainy Days

Into every conservatory's life a little rain must fall. In fact, make that a lot of rain: plenty of precipitation is something we can forecast for your conservatory with complete confidence. Brickwork may not be fascinating, but it can be very absorbing. A good deal of moisture will arrive on its outer surface in the form of rain, snow, hail and frost. And, with some kinds of brickwork in certain conditions, some of it will be absorbed.

That's why, when your installation company starts talking about such technical-sounding matters as cavity trays, soakers and flashings, you shouldn't think of them as optional extras or unnecessary expenditure. Protecting your new conservatory, and the rest of your home, from the UK's prevailing wet weather is essential. And it's all part of the service when you choose an Ultraframe roof system. A cavity tray, as you can see from the diagram to the right, is a simple device for dealing with any water that penetrates the outer layer of brickwork. It collects absorbed moisture and deflects it back outside.

Your conservatory may also be in danger of letting water trickle in at the point where its roof meets the adjoining wall of your house. Your Ultra Installer will have the expertise and training to advise you authoritatively about the need for these items – or indeed a box gutter system if your conservatory roof slopes (and therefore drains) backwards towards the house wall.

Very occasionally, there's a risk of having a conservatory with a damp back wall. In the unlikely event that there is such a risk, your Ultra Installer member will be fully aware of the very straightforward precautions required.

Protect Your NHBC Guarantee

If your home is a new one, still covered by the NHBC Buildmark 10 Year Guarantee, then adding a conservatory could affect the guarantee. Ask your installation company for advice.

Be Sure You're Insured

Enhancing the value of your home is one of the many excellent reasons for having a conservatory. And a likely consequence of this is that your current insurance policy may no longer provide adequate cover. It makes sense to inform your insurance company, so they can arrange cover during the building work - and assess your home's increased value when your conservatory is completed.



How cavity trays prevent water penetration

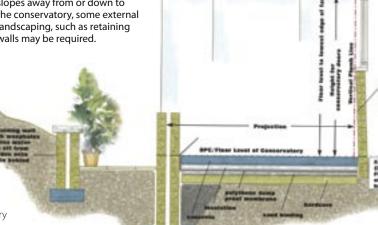
Sometimes, especially when building onto a bungalow, the existing soffit becomes part of the conservatory. If the roofing felt above the soffit board deteriorates and sags, it can allow water in. Talk to your installation company about which of the many ways to prevent this problem is most appropriate for your home.

"Installation companies can find a way round most problem locations"



(F.F.L) in your conservatory is normally at the same level as the existing house (i.e there's no step down). If the land in the garden slopes away from or down to the conservatory, some external landscaping, such as retaining walls may be required.

The finished floor level



Be Prepared

If you are mentally prepared for the physical reality of having a conservatory built, any disruption can be kept to a minimum. While your conservatory is being constructed, think of your home as a "mini-building site" for a few days. Your installation company's simple needs will include being able to receive deliveries by lorry, a dry place to store cement, access to water and power points, and probably somewhere to put a skip.

Get To Grips With Your Garden

The fact that part of your garden is being dug up provides the perfect opportunity to get to work on your garden. Turn to page 24 for some ideas about making the most of this opportunity to give yourself a Ground Force style garden makeover.

climate and are approved by the British Board of Agrément (BBA) to last 'at least 25 years'. They were the first European system to have passed the USA's BOCA regime, the toughest testing and building standards in the world. Their tests need to be so demanding because of the extreme nature of American climatic conditions. For example, snowloads there are at least four times greater than in the UK. The Ultraframe system was accredited in over 30 US states - certainly all the ones in which conservatories are popular – and in which the most extreme weather conditions prevail





ondensation can be a conservatory's worst enemy. It's as natural as breathing (in fact breathing is one of its main causes), but with Ultraframe's help you can control it. Good ventilation is the key. The type of ventilation your installation company will recommend for your conservatory depends on size, shape and, above all, aspect in relation to the sun. South and West-facing sites receive the most direct sunlight, and therefore need more primary ventilation, especially in summer. North facing conservatories need very different ventilation and are likely to require winter heating. Your designer will also need to bear in mind overshadowing from nearby walls and trees – and even nearby hills!

If this all sounds dauntingly complex and technical, simply leave everything to your Ultra Installer, who will be fully informed about how the latest ventilation solutions can minimise condensation and maximise comfort in every type of conservatory. Ultraframe's patented Ridgeflow ventilation unit is mechanically assisted and thermostatically controlled to give conservatories self-control. It works even when you are out, creating up to four air changes per hour. Then there's Ultraframe's Trickle Ventilation system, also patented, which harnesses the natural upward movement of warm air to carry moisture to the apex of the roof and allow it to percolate outside. Other Ultraframe innovations include roof vents with thermostats and rain sensors for automatic opening and closing.

Suddenly, a conservatory for all seasons is a beautiful dream that can come true - bringing sunlight and a delightful sense of space into your home; making life more enjoyable in all kinds of ways and enhancing the value of your property too. All Ultraframe roofs are approved by the British Board of Agrément - the authoritative body which assesses and registers innovative building products. The BBA recommends that conservatory installation companies provide opening vents (including doors and opening windows) with a combined area amounting to at least 15% of the conservatory's floor area. Bear that figure in mind when you listen to your installation company's recommendations about minimising condensation and maximising the comfort-level in your conservatory. They in turn will be able to discuss any problems and the most effective solution with our Technical Team at Ultraframe.

Insisting on an Ultraframe roof is a very wise decision indeed; a decision that will increase your enjoyment of your conservatory, day-by-day and all year round. It will also help to give your conservatory a long, trouble-free, low maintenance lifespan. It's yet another way in which we can help to ensure that you get the maximum return on your investment.



Ultraframe offer 4 types of ventilation:



Ridgeflow



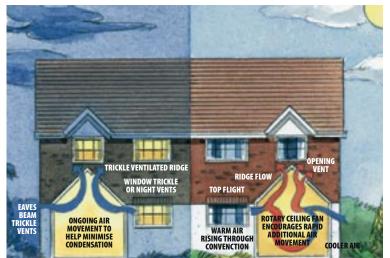
Eaves Trickle Ventilation



Ridge Trickle Ventilation



More inventive roof vents



Secondary Trickle Ventilation

Primary Ventilation

What is Condensation?

Natural ventilation has been virtually eliminated by modern materials and construction methods. The benefit of this is that buildings are much less draughty nowadays. The downside is condensation. Water vapour is produced in large quantities by normal day-to-day living, and remains trapped in the air inside a poorly ventilated house. The warmer the air, the more vapour it can contain

When air is holding the maximum amount of moisture for that temperature, it is said to be saturated. When saturated air comes into contact with a cooler surface such as the glass in your window, it cools and is able to hold less vapour. So it sheds the excess, which is deposited on the glass as mist (larger amounts condense as water droplets). The greater the temperature difference between the air and the surface, the more condensation will be produced.

We all know to our cost the damage condensation can cause. It rots wood and stains furnishing fabrics, rugs and carpets – especially if the problem persists over a long period. Condensation also steams up windows, spoiling the view and the sense of light and space which are among the greatest joys of owning a conservatory.



Conservaglass is a truly revolutionary glazing solution which is a major breakthrough in creating a conservatory for all seasons...

conservaglass?

When designing your conservatory, the choice of a glass or polycarbonate roof is an important one...

To enable you to use your conservatory all year round, you need a glazing material that deflects heat from the sun in the Summer and retains the warmth from heating appliances in the Winter. You may also want a material that allows maximum light into your home.

Alternatives:

Polycarbonate: Polycarbonate is a lower cost alternative to glass and it can be treated to offer excellent solar protection and thermal properties, but until now this has been at the cost of light transmission.

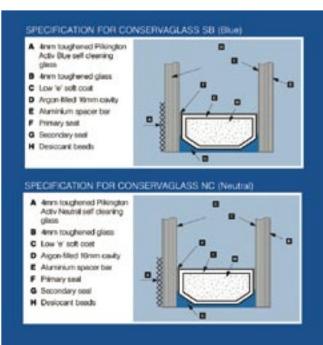
However, Conservaglass represents a new generation of glazing options... In addition to keeping the sun's energy out in Summer and keeping the interior warm in Winter, it stays cleaner for longer than conventional glass. Not only does it stay cleaner for longer but a transparent coating bonded into the external surface of the glass (not sprayed onto the sealed unit after production like some competitor products) uses the power of ultra-violet rays and the rain to break down dirt and grime and wash it clean away. So whether it's for your roof only or includes the side frames too, specify Conservaglass and enjoy the comfort of your conservatory all year round.

Product features and benefits

- Blocks around 60% of the heat from the sun with excellent light transmission.
- True self cleaning glass infrequent cleaning required and easier to clean than standard glass.
- Excellent thermal performance in Winter very low 'U' value.

During its first 25 years, the average Ultraframe conservatory roof will shrug off 50 feet of rainwater, 450 days of snow, 57 days of pea-sized hail and 9125 days of temperatures ranging from a scorching 35° Celsius to 15° below freezing. Not forgetting 300 visits by the window cleaner (to wash your windows). Of course, thanks to its special coating, your Ultraframe Conservaglass™ conservatory will require minimal cleaning!







Lighting

How about some strategically placed downlighters, for a touch of subtle, atmospheric illumination?

Remember, a conservatory is no ordinary room, so something out of the ordinary may turn out to be perfect!



Heating & Cooling

The type of heating you install in your conservatory will depend to a large extent on how the rest of your home is heated. If your boiler is big enough to heat an extra room, then the simple answer is to extend your system into the conservatory. If you choose this option, the radiator must be fitted with a thermostatically controlled valve (a condition of it being exempt from Building Regulations). Another option is underfloor heating. Or you can simply select from today's superb choice of freestanding heating appliances. With the excellent level of insulation found in today's conservatories (even without Ultraframe Conservaglass™) heating needn't be at all expensive. A lot of people ask installation companies whether they will need to put air conditioning in their conservatory. Running air conditioning damages the environment through the emissions of green house gas, so we believe in natural ventilation.

Flooring

Flooring matters too. Many people choose tiles (and there are many tiles to choose from), but wooden flooring is increasingly popular and affordable these days. Carpets and rugs can also be appropriate too, especially if your conservatory is going to be your main living room.

ersona is e

There are lots of great ways that you can make your conservatory as individual as you are...!

YOUR CONSERVAT

Ceiling Fans

Consider the beauty of a fan in your conservatory. They can make your space look as well as feel cool, especially when they come complete with a choice of tasteful lampshades and blade styles.



Around The Roof Crestings and finials provide an exquisite finishing touch to your conservatory roof, and come in a choice of styles. Dentil moulding is also an attractive option and really can provide the perfect finishing touch for your conservatory exterior. And there's the option of choosing one of the three wood effect finishes as an alternative to white

ultraselect

Ultraselect is a stylish and varied range of decorative strips, unique to Ultraframe and designed to bring a touch of extra flair to your conservatory. The strips simply click into place. They are just as easy to remove and replace whenever you feel like refreshing your conservatory with a change of decorative style.

They may even inspire you to be a little more adventurous with colours and textures when choosing your furnishings and decor!

REMEMBER ultraselect is interchangeable

so it's easy to refresh th look of your conservatory)

10 GREAT STYLES TO CHOOSE FROM:

Styles 1-4 are available in white, light oak & mahagony







it's the details that make the difference

Ultraselect is a trademark of Ultraframe (UK) Ltd









Never neglect the décor!

Don't neglect the décor in your conservatory or treat it as an afterthought. Give it the consideration it deserves and it can become the most popular and important room in your home. The size, shape and position of your conservatory are all critical considerations when you're deciding how to decorate and furnish your conservatory. South and West-facing sites, for example, receive a lot of direct sunlight. This creates a bright, warm space (not too warm, of course as long as you have the right ventilation and Ultraframe Conservaglass™). To balance this out, you may wish to consider letting a cool colour such as pale blue dominate in your décor. If, on the other hand, yours is a pleasantly shady north or east-facing conservatory, a warm, vibrant colour scheme may be perfect.



Never neglect the small things that make the difference...

The internal is just as important as the external

furniture

Wicker or what?

Traditionally conservatory furniture has been a choice of variations on the theme of cane and wicker. There are excellent reasons for its popularity - they are resilient, practical and attractive materials, not prone to fading in direct sunlight; and equally appropriate indoors or outside. Nevertheless, it needs to be pointed out that wicker is not compulsory.

The way you furnish and decorate your conservatory will naturally have a lot to do with the way you propose to use it. Will it be your main dining room or will part of it be a home office or workspace? Will it need to withstand the ravages of playful young children or will it be mainly an extension of your garden? Any or all of these functions are possible. Your choices will determine whether you need to plan your décor around a beautiful dining table or office furniture, a widescreen TV or toy storage – to name just a few possibilities.



Having a conservatory built is the perfect opportunity to get your garden looking the way you want it.

After all, once you've created the conservatory of your dreams, you'll find that you're seeing – and using – the adjoining garden more than ever. So a well thought-out terrace or patio, perhaps with some new garden furniture, will prove very worthwhile indeed. In fact why not use the occasion to give your garden a complete Titchmarsh-style remodelling. (You may even be able to persuade your chosen Ultra Installer to lend you a hand!)

the great



Think about light and shade...

You may want a suntrap, but you'll also need a cool spot out of the heat.

Positioning a sun umbrella, chairs and table on one flank of the conservatory doors gives you this option. Just make sure you don't block the view of your garden from inside, and remember that the garden furniture you choose will be on permanent view, so choose some that enhances the carefully chosen look of your conservatory.

The style of your garden is another key factor. If your garden is 'busy', it may be wise to blur the transition from conservatory to garden with potted plants, urns or maybe an ornamental bench Decking can also prove an attractive and cost-effective way of extending your living space outdoors.

And here's another tip. Running a new path along the outside of the conservatory can help emphasise its shape splendidly. Likewise, cobbles look attractive and can be inexpensively laid in striking patterns. Really, it's up to your individual taste, but giving a little thought to your garden or patio will simply add to the enjoyment you're sure to get from a new conservatory.





Whether you employ a professional garden designer or purchase the latest home versions of design software, the choice is yours!













Still unsure about whether to purchase a conservatory? Then read these real case studies

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3 Real Problems3 Real Solutions3 Real Case Studies



Helen lives in a 2-bedroomed bungalow and decided to add a conservatory to provide extra space for entertaining, whilst enjoying the scenic views to the rear of the property at any time of year.

She decided on a gable-fronted conservatory, which uses a box gutter to affix to the low eaves on the bungalow, whilst providing an amazing amount of roof height from the inside. The conservatory features a glass roof to flood the adjoining rooms with light and allow uninterrupted views of the scene beyond and the sky. A thermostatic roof vent ensures that a constant flow of air is maintained within the conservatory – all Helen has to do is choose the temperature that she wants to roof vent to open at. A sensor on the outer casing ensures a speedy automatic closure should it start to rain whilst the vent is open. A comfortable sofa and a large dining table ensures there is plenty of space for entertaining in comfort and style. The contemporary neutral colour scheme is complemented by an Ultra Select internal fascia trim, which is unique to Ultraframe, and can be changed quickly and easily, should Helen introduce a new internal colour scheme.

Surrounded by the picturesque landscape of Malham Tarn, Mr & Mrs Livesey decided that in order to enjoy their views all year round; a conservatory would be a perfect

To echo the clean modern décor of their new home, the couple decided on a Georgian conservatory with a streamlined Ultraframe roof. Bronze polycarbonate ensures that their South-facing site doesn't cause the interior of the conservatory to be too dazzling during spells of warm weather. Once the conservatory was complete, Mr Livesey added decking to the surrounding area to create a large new living area that flows seamlessly from the home into the garden. Mr and Mrs Livesey now love nothing more than relaxing in their new conservatory with a bottle of fine wine and watching the sunset over the Tarn.







Mr & Mrs Baxter had lived in their home for many years when they decided to enhance it with the addition of an Ultraframe-roofed conservatory.

After much careful planning they decided on an unusual gabled lean-to, which sloped back up towards the house wall, providing an amazing amount of roof height and creating a sense of grandeur and drama. A high performance glass roof ensured not only that their new living space could be used all year round, but also that the amazing roof design was displayed to full effect. A contemporary sofa suite and wood floor complete the fresh, modern appearance of this conservatory, which has become the Baxter's favourite room in the house!



HOWTO MAINTAIN YOUR CONSERVATORY

Once you have purchased your conservatory, it's important to carry out some very simple maintenance to ensure you can enjoy it for many years to come. The following tips (extracted from our maintenance manual) will help you to care for your conservatory:



All Ultraframe roofs are engineered for the extremes of the UK climate and are approved by the British Board of Agrément (BBA) to last at least 25 years. They are the first European systems to have passed the USA's BOCA regime, the toughest testing and building standards in the world. Our extensive research and development continues to innovate and extend the boundaries of design, so when you choose an Ultraframe roof, you can be certain you're getting the best.

Of course, with a reputation such as Ultraframe's, imitation is inevitable, and some disreputable companies have been known to promise to fit an Ultraframe roof, only to fit an inferior system. To help put an end to this serious problem we have introduced the Ultraframe Certificate of Authenticity - your guarantee that you have a top quality Ultraframe roof. The Certificate is a legal document that you can use to reassure future buyers of your home that your conservatory really does feature an Ultraframe roof, and of course to provide your own peace of mind that your conservatory does feature the market-leading roofing system.

When you have registered, we will send you a Maintenance Manual too! (extracts p28)

GENERAL MAINTENANCE



Lubrication of the hinges

For lubrication of handles, locks and hinges, etc. use light machine oil lubricant for moving parts (e.g. "3 in 1" or "WD40") and petroleum jelly if indicated on the windows/doors.

Anodised Gold Finish (Not Brass)

Never use abrasive cleaning agents. Warm soapy water and a soft cloth are sufficient.

Brasswork

When installed, brass work is fully protected with lacquer. In time and through normal wear and tear, this lacquer may peel or become tarnished. **Tips to refurbish your brass work:**

- Protect the surrounding PVCu surfaces by masking off an area around each piece of brass work
- Remove old lacquer with nail polish remover or paint stripper
- · Clean and polish with a suitable proprietary brass polish
- · Carefully relacquer with a good quality product

GLAZING CARE

The tips below apply to the glass in both the side frames and roof. Follow these to ensure the glass in your conservatory remains clean and scratch-free.

Standard Sealed Units

Heavy external grime should be removed with a simple soap/water solution followed by the use of any proprietary household glass cleaner with a soft cloth. Laminated glass or glass containing Georgian bars between the sealed units is cleaned in exactly the same manner. *Please ask for our additional document on cleaning Conservaglass.

Leaded Glass Cleaning

Extra care must be taken when cleaning leaded windows so as not to dislodge the lead from the surface of the glass. Warm soapy water applied with a soft cloth is adequate for cleaning leaded glass.

PLEASE NOTE THAT EXTERNAL LEAD WILL OXIDISE. THIS IS A NATURAL PHENOMENA AND CANNOT BE AVOIDED.

Scratched Glass

Scratches can be removed with a jeweller's rouge or equivalent rubbing compound. (Ask your installer for further advice)

Conservaglass

Specialised seperate advice is provided for this product

ENVIRONMENTAL

Condensation

Condensation occurs when water vapour comes into contact with a cold surface such as glass and the vapour turns to water droplets. Condensation can only ever be minimised and never completely eradicated. Newly constructed conservatories need an initial 'drying out' period. Many hundreds of litres of water are used during its construction, i.e. dwarf walls, concrete bases and plasterwork. In Winter they will take longer to dry out.

Ventilation

Provide natural ventilation to help minimise condensation and maintain a comfortable interior temperature whenever possible by:

- Opening windows/doors
- Ensure trickle vents in the ridge are open at all times slide the control to open setting
- Ensure trickle vents at the eaves (where fitted) are open at all times
- · Open the roof vent (if fitted)

Be sure to consider security when leaving open an easily accessible window or roof vent.

Heating

Heating can also assist with controlling condensation and should be marginally increased in any areas where condensation is a problem. Maintain some heat in the conservatory during cold weather and if possible, place heating appliances under windows to maintain the temperature of the inside pane of the double-glazing. If your conservatory is fitted with a fan or Ridgeflow unit, which fails, always consult a qualified electrician or your installation company.

GENERAL CLEANING

Roof & Side Frames

The roof and side frames of your conservatory should be washed down every four months with a soap water solution to remove grime and atmospheric deposits. AVOID ALL SOLVENT BASED OR ABRASIVE CLEANERS ON THE ROOF AND FRAMES.

Frames only - to remove any stubborn blemishes use a strong, non-abrasive, proprietary cleaner such as cream cleanser.

Gutters & Box Gutters

In a conservatory the guttering is always laid level in accordance with BS 63 67:1983 Code of Practice for Drainage of Roofs, therefore you will notice standing water in your gutter system. It is important that you clean the gutters regularly - be sure to use crawl boards when accessing a conservatory roof.











Ensure the crawl boards span across both glazing bars - the crawl board must not be placed directly onto glazing material

TRADITIONAL BLINDS



Before installing traditional blinds please consider the following points:

- Never cover the inside of the glazing bars with blinds (sketch A)
- The installer of the blinds will (at their risk) attach/penetrate the internal PVC claddings with fixings. Your installation company will not accept any responsibility or claims for the following problems which may occur as a result:
 - Water ingress through fixings/screw attachments
- Deflection of materials
- Distortion of materials
- The blinds must be designed to allow hot air to disperse from between the glazing material and the blind - a space of 15mm between the two is recommended (sketch B)
- Whenever blinds are installed it is recommended that a Ridgeflow ventilation
 unit be installed along with an automatic roof vent to reduce the internal
 temperature. If your conservatory does not feature these items and you are
 finding the internal temperature too hot, contact your installer who can retro
 fit them.

We do not recommend the use of internal blinds on our PVC product Ultralite 500.



frequently asked questions

Questions you need to ask before choosing your conservatory

Do we need to install Insulating **Double Glazing Units (IGUs) and** if so, which ones?

On April 1st 2002, the Government introduced Part L, amending the Building Regulations for the first time, to require replacement windows and doors to meet tough new thermal performance standards. The standard applies when new doors replace an existing window or you change the doors between the house and conservatory, but not when you keep the existing lockable French doors or patio doors between house and conservatory. Ultraframe Conservaglass™ offers a better combination of warmth in winter and reduction in summertime solar heat gain than standard "low e" sealed units.

We haven't seen the conservatory we want in anyone's brochure. Does that mean we can't have it?

Since all conservatories are made to order, you can have anything that's physically achievable. A chat with a specialist conservatory designer, via your Ultra Installer member, will open up possibilities you may have never even dreamed of.

Do we need planning permission?

Probably not in most cases -See pages 7 and 8 for a fuller answer.

Can my conservatory be used all year round?

Modern conservatories, with insulated bases and cavity walls which feature high performance double glazed units and a thermally efficient roof, can indeed be used all year round. The prudent use of relevant heating technology will also help. Comfort levels can be further enhanced with the use of Ultraframe Conservaglass™. Described in detail on page 19, this is the revolutionary glazing specially developed to keep conservatories warm in Winter, by retaining heat, and cool in Summer, by excluding solar radiation.

What's that style called with a sloping roof?



That's a Victorian (Edwardian if it's a square shape) - one of the most popular style of conservatory in the UK.

Do you make conservatories to order?

All conservatories are made to measure and can be personalised with a host of accessories and design features both inside and out.



We've got an odd shaped space/an unusual wall/a sloping garden. Can we still have a conservatory?

Contact your Ultra Installer with a simple sketch of your problem. There's always a solution, and the chances are they'll come up with several

How soon can we have our conservatory?

The average turnaround time is 6 to 10 working weeks from receiving the order in writing (depending on the weather or if planning permission is required). It can take longer at the busiest times of year.

My builder has constructed my base - what's the next step?

Contact an Ultra Installer who will check that the base is square and level and undertake the design and manufacture of your side frames and conservatory roof.

The neighbours are not very friendly. How can we protect our privacy?

Conservatories can be made private by the thoughtful use of obscure glass, solid panels at the side, blinds or even a solid wall on one side. See pages 15 & 16 for further options.





Do's & Don'ts

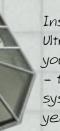
of buying a conservatory!

Buying a conservatory is an exciting experience, and there are lots of things you should consider to make sure your experience is hassle-free, culminating in your perfect conservatory...

DO

Ask your Ultra Installer to show you the Ultraframe DVD





Insist on an Ultraframe roof for your conservatory - the market leading system for over 20 years

Make sure you do plenty of research into different styles to make sure you choose a conservatory which perfectly complements your property

Research glazing and ventilation options to ensure your conservatory is a room for all seasons which can be enjoyed whatever the weather

Get several quotes to make sure you feel you have got good value for money

Be sure to find your nearest Vitra Installers by searching the Ultraframe website www. ultraframe.com or calling 0500 822340

Don't

...use this as your final checklist!

Feel pressured into signing for a conservatory until you are sure that you are happy with your chosen company, the specification and the price

Choose an installer unless they are a member of the Ultra Installer Scheme or come with excellent recommendations from friends or family. Always undertake your own due diligence before appointing a retailer

> Rush into the decision. Take time to visit showsites to gather inspiration and information

Be afraid to ask questions - your chosen installer should be happy to spend time explaining the different options and conservatory build process to you

Assume that your options may be limited because of your property or chosen site - with the Ultraframe roofing system and skillful planning, almost anything is possible



Installer Wrongs & Rights

It's a sad fact, but practically everybody has heard horror stories about the problems caused by rogue builders. Tales of poor workmanship, unfinished work, overcharging and lost deposits are all too familiar. With conservatories, the risks can be even greater than usual. Unfortunate homeowners have experienced everything from leaky roofs and failing foundations to completely collapsed conservatories.

At Ultraframe, we share the concerns over this issue, and we've introduced the Ultra Installer Scheme specifically to meet them - a register of installation companies who go through an ongoing assessment program, with the aim of maintaining high standards of workmanship and customer service excellence. Don't just appoint any installation company, for total peace of mind appoint an Ultra Installer*.

The entry criteria for the Scheme is strict and not all companies make the grade. The inspection process is split into physical onsite inspections, along with checking of homeowner references to ensure that an outstanding level of service is provided, through every stage of the conservatory buying process.

To qualify for membership applicants must:

- **1.** Use 100% Ultraframe products, acknowledged as the world leaders in conservatory roofing systems
- 2. Pass every stage of on-going on-site inspections, conducted by the British Board of Agrement (BBA)
- Supply homeowner references throughout membership, which will be verified by the BBA
- **3.** Agree to abide by a code of practice that covers workmanship, compliance and service levels.

So, by choosing an Ultra Installer* you can be assured of a top quality installation and an outstanding level of customer service. Of course, this comes on top of the quality you've already made sure of simply by specifying a conservatory featuring an Ultraframe roofing system.

To find your nearest Ultra Installer call:

0500 822340

or visit our website:

www.ultraframe-conservatories.co.uk



*we always recommend you undertake your own due diligence before apointing a retailer





Code Of Practice

All Ultra Installer Scheme members must agree to abide to the Code of Practice:

Workmanship

- At all times reach the satisfactory standard of workmanship required by Ultraframe (UK)
 Ltd and defined in the Glass and Glazing Publication "A Guide to Good Practice in the
 Specification and Installation of Conservatories within the UK".
- Take full responsibility for work done by subcontractors that they appoint and all subcontractors to be subject to the same obligations.
- To offer an approved deposits protection guarantee (which may be combined with the insurance backed warranty) whenever deposits are taken from customers.
- The Installation Manager /Lead Fitter annually must attend the Ultraframe 'School of Excellence' for skills update training.
- Allow regular audits by the BBA of office procedures, completed conservatory installations, jobs in progress and general compliance with terms and conditions of membership.

Compliance

- Partnerships must abide by the Business Names Act 1985 and feature the partner's names on all stationery (if they do not appear in the title of the firm).
- To have public and employer's liability insurance cover.
- Be aware of, and comply with legal obligations e.g with regard to the Sale of Goods Act, the Supply of Goods and Services Act, the Trade Descriptions Act and all other health and safety and environmental legislation.
- Ensure that the customer is aware of any building control notifications, applications and planning issues required for the work involved and provide assistance in completing such where requested.

Consumer

- Have a formal system for logging and responding to complaints from consumers and agree to co-operate with the Scheme Manager to resolve issues.
- Provide consumers with clear and simple information in estimates and contracts for all substantial items of work, covering:
 - work to be done; price, inclusive of VAT; expected start and completion dates; variations to contracts and payment terms
- Complete all works promptly and to the agreed timetable.
- · Any remedial work must be completed promptly and to a high standard.
- Provide consumers with a minimum written 10 year workmanship warranty with each installation and the offer of an insurance policy which will protect the consumer should the installer cease trading.
- Present the homeowner with the Ultraframe "Certificate of Authenticity" and encourage them to complete and return it.
- Members must agree to use the Ultra Installer logo only as authorised and to immediately stop using the logo if they leave, are suspended or expelled from the Scheme. This also applies to any associated marketing or promotional materials featuring the Ultra Installer Scheme logo.





