



so you think all **window companies** are the same... **think again!** 





**PVC Windows and Doors** 



**Aluminium Windows and Doors** 



**Bi-fold Doors** 



**Conservatories and Orangeries** 



**Vertical Sliding Windows** 

### **Our Product Range**

#### **Introducing Our Products**

We offer a comprehensive range of window and door styles in various materials, including high security, energy efficient PVC as well as strong and attractive Aluminium slimline profiles.

Suitable for all types of residential and commercial applications we offer the complete range of windows, doors, bi-folds and patio doors, all designed for strength and durability whilst remaining aesthetically pleasing to look at.

#### **PVC Frames**

Our PVC products are amongst the most technologically advanced in Europe, being manufactured to high standards, incorporating thermally efficient profiles and energy rated double and triple glazed sealed units.

#### **Casement Windows**

Available in PVC and Aluminium the traditional British window, typically top or side hung.

#### **Tilt and Turns**

Available in PVC and Aluminium these are typically continental style windows that allow for large openings that open inwards.

#### **Vertical Sliding Windows**

Available in PVC these are sometimes referred to as Sash Windows, sliding up and down and typically found in older, Victorian properties.

#### Fascias, Soffits and Guttering

A wide range of products in a variety of colours to complement your home, all in maintenance free PVC which means no more cracking, flaking and re-painting!

#### **Aluminium Frames**

Strong, attractive and available in a wide range of colours and textured finishes, aluminium frames will not expand or contract and with integral strength, are ideal for large span frames with bigger glass areas, especially bi-fold doors.

#### **Composite Doors**

A wide range of colours and designs which are tough and durable with the aesthetics of wood, without the need for painting or varnishing.

#### **Bi-fold Doors**

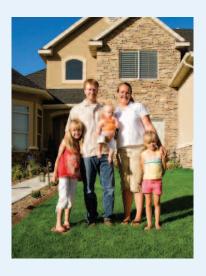
Our bi-fold doors come in an array of different options and finishes and are designed in slim line profiles and are perfect for living rooms, conservatories and kitchens.

#### **Conservatories and Orangeries**

Whatever design you want we will make sure it is not only attractive on the outside but also functional on the inside

#### **Patio Doors**

Available in slim line aluminium or PVC both systems are available in a range of colours, finishes and styles all the way up to our large span 12m wide doors.

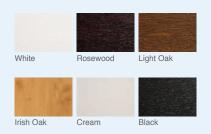


#### **Colour Range**

Both PVC and Aluminium are available in a wide range of colours and finishes.

- PVC is available in a standard white finish or with a range of laminated foils, or even painted in any RAL colour
- Aluminium is powder coated in a wide range of colours, including our unique sensation range and a range of wood effect finishes

#### **PVC Frame Colours**



#### **KL Colours**



#### **Sensation Colours**



### **Update and add value**

#### Spend unwisely and devalue your property!

Your home is still the most important investment you will probably ever make so it is vital that you always do your research and choose a Company and a product that will enhance your home. Rushing into a decision purely based on price and without the proper research could leave you with problems further down the line.

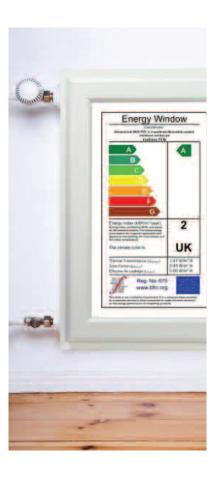
Whether you are looking for more of a wow factor, more security, improved energy efficiency or to add value to your home, we'll help you achieve your aims with our range of high performance, accredited frames.

#### **Energy**

Our thermally efficient A rated windows can save you up to £697 per year on your heating bills, independently certified by the British Fenestration Rating Council and recommended by the Energy Saving Trust. With inflation the amount you could save may be as much as £3700 over the next 5 years, or £7992 over 10 years! With A rated double glazed windows with u'values of 1.4 W/m²K and triple glazed windows with u'values of 1.0 W/m²K.

#### Security

Be safe not Sorry! Our high security range of windows and doors come with BS7950 and PAS24 for improved security as recommended by the Police ACPO. What's more when you apply for our Security Guarantee we will reimburse you the cost of your insurance excess up to £1000. With lockable night vents, optional anti-snap barrels to prevent lock bumping and high security shootbolt locking our windows and doors will help stop opportunist burglars.

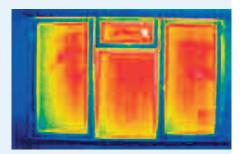


#### Low maintenance

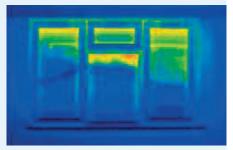
With extensive guarantees on the surface finish, up to 25 years on aluminium, your new products will last for years. No more rotting or flaking wood to repaint, no more twisted, sticking or hard to open windows and doors and with the advances in easy clean glass your windows will stay looking cleaner for even longer.

### The Benefits of Energy Efficient Windows

- Smaller energy bills, switching to A rated windows could save you as much as £697 per year on the cost of heating you house. For further details go to the 'carbon calculator' on www.ggf.co.uk
- By using less fuel you will reduce your carbon footprint and help reduce global warming
- A more comfortable home with less heat being lost through your windows, so you will have fewer draughts and cold spots
- Peace and quiet, as well as keeping heat in, energy efficient windows insulate your home against outside noise
- Reduced condensation on the windows as they will be more airtight and the inside pane of glass will remain warmer for longer. Please note it may be necessary to consider background ventilation in your home to remove background moisture in the air



Thermal image showing heat escaping through an old wooden window



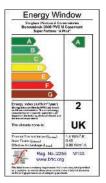
Difference made by installing our high performance windows

# **Keeping the warmth inside your home**

#### Why Energy Rated Windows?

Our range of double and triple glazed units represent the next generation of high performance technology. We utilise a revolutionary high performance low-E glass, developed specifically for the particular needs of the UK. This enables us to get the highest Window Energy Rating, making our units some of the most energy efficient low-E units on the market.

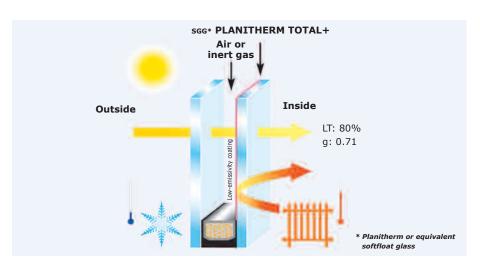
Our A rated 28mm double glazed units offer up to three times more insulation than standard double glazed units, improving thermal insulation, increasing light transmittance, maximising solar gain, all of which will reduce your heating bills.



Our windows are measured using the **W**indow **E**nergy **R**ating scheme (WER), similar to the white goods in your home, with an "A" rating being the best. Our standard reinforced double glazed windows are A rated as standard, achieving an overall u'value of  $1.4 \text{ W/m}^2\text{K}$  (with a glass u'value of  $1.2 \text{ W/m}^2\text{K}$ ). We are also able to offer a range of triple glazed windows which achieve an overall u'value of  $1.0 \text{ W/m}^2\text{K}$  (with a glass u'value of  $0.683 \text{ W/m}^2\text{K}$ ). Other options are available on request.

#### How does it work?

Double-glazed windows have two sheets of glass with a 20mm gas filled gap between them, this creates an insulating barrier that keeps heat in. Our triple-glazed windows have three sheets of glass with either 12mm or 14mm gas filled cavities depending on the profile selected. At least one of the panes is made from a specially coated low-e glass, this has an unnoticeable coating of metal oxide which lets light and heat pass into the property but cuts the amount of heat that can get out.



Double glazed unit with sgg PLANITHERM TOTAL+

### The Benefits of High Security Windows

- Shoot-bolts with espagnolette locking to most standard sized casement sashes means that the windows are secured in various locking points down the lock side making it virtually impossible to jemmy open
- Optional claw locks that fit on the hinge side and secure in to steel reinforcing mean that the windows comply with the Police recommended "Secured By Design" security standard
- Security internally glazed windows which mean that the glass cannot be removed from the outside of the property
- Laminated glass in vulnerable locations, such as downstairs windows, making the units very hard to break through
- Optional security bolts to the rear of doors which make the doors almost impossible to jemmy open
- Anti-bump, anti-drill and antisnap door barrels are available to give you maximum protection

# your own home and steal your own TV Every 90 seconds a house like yours is burgled. Would yo

How to break into

Every 90 seconds a house like yours is burgled. Would you like to know how to prevent your home becoming the next statistic?

#### **High Security Windows**

In line with the recommendations from the Association of Chief Police Officers (ACPO) we are able to install windows and doors that comply with the very latest European security standards, including BS7950 and PAS24.



Stainless steel hook bolt

Designed to form a protective deterrent to the opportunist thief and in conjunction with our hardware suppliers we are able to offer a unique security guarantee that covers you against any successful forced entry through one of our high security windows. Please ask us for more details.

With the recent growth in the phenomena of "lock bumping" it is important to consider the type of door barrel your new door is supplied with. A quick internet search on "lock bumping" will show you how easy it is to gain access through a traditional cylinder style barrel. For a small extra fee, we will be able to provide you with the latest anti-drill, anti-snap, anti-bump door barrel which will protect you from the opportunist thief.



Optional claw locks





Stainless steel door keeps



Shoot-bolt espagnolette

#### **Low Maintenance**

- No more unsightly flaking or peeling surfaces, the pristine appearance of PVC frames is maintained by an occasional cleaning with a mild detergent such as soapy water
- No more painting, unlike timber frames our windows, including our range of laminated foils, never need re-painting or restaining and are guaranteed for 10 years
- Unlike timber and metal windows which are normally subject to rotting, rusting and corroding PVC is tough and durable and will out-last most other construction materials
- PVC will not warp, twist or split and providing that you oil the moving parts regularly they will open and close without catching or binding and will remain draught free and weather proof for longer
- With the introduction of selfcleaning glass you won't even need to clean the external glass surfaces of your new windows



### **Window Options**

#### **French Fire Escape Windows**







#### **Window Hinges**



Fire Escape Hinges



Easy Clean Hinges so that you can reach both sides of the glass to clean



- High security internal beading
- Traditional frame with scotia bead
- Triple action hinge
- Key locking handles
- Steel reinforcing
- Double weather-seals
- Available in 2800 sculpted profile or 2500 chamfered profile
- Allows for larger opening areas, the sash can be tilted inwards, hinged at the bottom to allow for background ventilation or the sash can be fully opened inwards, allowing the windows to be cleaned from the inside and as a means of escape in case of an emergency
- Secure windows, internally glazed and if upgraded to laminated glass in vulnerable locations (downstairs windows, windows on flat roofs) then they are to Police approved SBD standards

## **Tilt and Turn** Windows



#### Why choose Tilt and Turn Windows?

A window system specifically designed to maximise the glazing area, enabling larger than normal apertures which aid cleaning as they can be fully opened inwards. As well as this practical feature, tilt and turn windows can provide excellent background ventilation when located in the tilt position.

All of our tilt and turns are fitted with security wrap around gearing which ensures that there are multiple locking points on more than one side. These locate into specially designed keeps, which not only improve the security of the window, but also aid compression and help draught proof the windows.

Many customers choose to use this type of window in conservatories as the glazing area can be maximised to give clear unobstructed views without the need for transom bars.

Tilt and turn windows are also ideal for creating an extra egress point to the upstairs of properties, giving you a clear and easy escape route in the event of a fire.

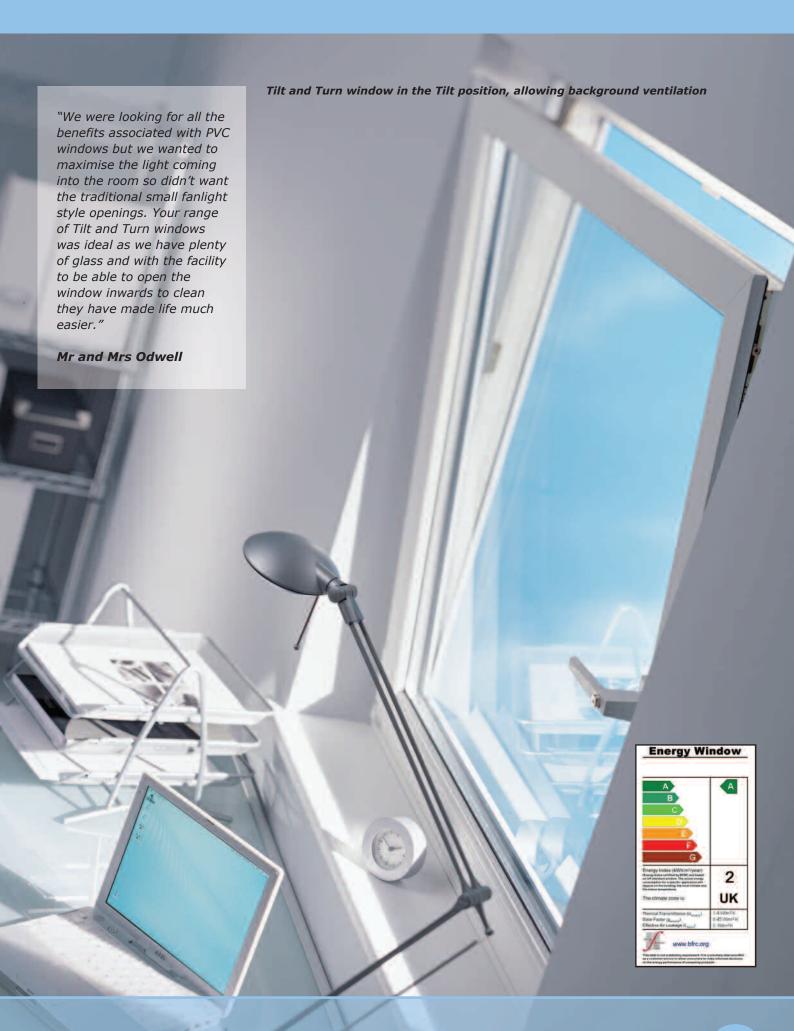






Turn







Vertical Sliding windows with decorative horns and vertical feature Georgian Bar







Tilt Facility



Optional Horn



Lift Position

- A more traditional looking window, these box sash replacement windows combine an authentic appearance with high levels of performance and durability
- Old vertical sliding windows relied on weights (balances) secured on rope within the frame to act as a counter balance for opening. Over time these windows often stopped working as excessive layers of paint clogged the mechanisms, also the warping/ twisting and expansion of the wood often meant that the sashes would not run in the wooden rails. The new vertical sliders rely on engineered balances and as the PVC will not warp, twist, or require painting they will work effortlessly for years to come
- As these balances are screwed in to position you will also lose the sound of the older weights clanking in the frames on windy nights!
- Slazing options include a feature mounted Georgian bar that mimics the traditional wooden fret bars that were often installed on this type of window
- The windows come with a tilt mechanism so that they can be opened up internally for the purposes of cleaning rather than having to use an external ladder



**Chrome Latch**Also available in white and gold

# **PVC Vertical Sliders**

#### Why choose PVC Vertical Sliders?

Many houses in Britain still retain their original wooden sliding box sash windows and for those customers who are trying to maintain the traditional appearance of their homes, we are able to offer a PVCu vertical sliding window which although it looks similar, will out-perform the older traditional box sash windows.

#### **Aesthetics**

An authentic appearance, which is enhanced by decorative horns, reflects the elegant looks of the original window, whilst incorporating high levels of performance and durability.

#### **Peace of Mind**

Anyone with original wooden sash windows will at some point have experienced difficulties opening and closing them as years of painting and the natural ageing process of the wood causes the sashes to bind against the frames. The modern day PVCu sliding windows will not warp or twist, do not need painting and with just a small amount of care will give you years of smooth and reliable use.

#### **Energy Saving**

Once glazed with our high performance units with a u'value for the glass of 1.2 W/m $^2$ K our standard reinforced vertical sliding windows attain an A rating, with an overall u'value of 1.5 W/m $^2$ K."





**Chrome Slider**Also available in white and gold



**Chrome Ring Pull**Also available in white and gold

#### **Specialist Glass**

- Thermally efficient units are manufactured using glass with an almost invisible coating of metal oxide to retain more heat inside your home, keeping interiors more comfortable in the winter and improving the energy efficiency of your home
- Solar control units have a special coating that blocks up to 2/3rd of heat by reflecting it to the outside therefore keeping the interior temperature cooler during sunny spells, ideally for south facing conservatories
- Self-cleaning low-maintenance units which have a coating on the external surface that harnesses UV light and rain to efficiently breakdown and rinse away dirty residues so your windows stay cleaner for longer
- Noise reduction units are available in a range of different formats depending on your specific requirements. From the basic units which combine glass panes with different thicknesses through to the specialist laminated glass which have transparent plastic interlayers between two sheets of glass which absorbs sound and reduces the levels transmitted, keeping unwanted noise out



### **Glazing Options**

As all our products are made to measure to your requirements we are able to offer you a full range of glazing options to complement your home, from the traditional feature Georgian bar that is designed to mimic the external wooden frets through to one off bespoke stained glass feature windows.

We can also supply a wide range of other specialist double and triple glazed units, including a full range of patterned glasses, units with solar control and easy clean coatings, tinted anti-sun units, thermally efficient units with u'values of 0.5 W/m²K as well as specialist units to reduce noise levels.



White Georgian Bar



Feature Georgian Bar



Georgian Arches



Foiled Georgian Bar



Gold Georgian Bar



Diamond Lead



**Composite Doors** 



Residential Doors



Patio/French Doors



Stable/Emergency Doors

### **Doors**

#### Why choose a new door?



Secured by Design

We offer a range of PVC doors, in both the sculpted 2800 and the chamfered 2500 range of profiles, as well as the more traditional looking composite doors which have all the aesthetics of a wooden door but without any of the maintenance issues.

#### **Composite Doors**

Our composite door collection is a breakthrough in door technology, combining proven levels of high security with incredible good looks.... in fact, quite simply, a door that possesses superior style with strength. Available in a wide range of styles and colours, along with our unique selection of glass.

#### **Residential Doors**

Designed with the British climate in mind our doors are manufactured in accordance with the latest advances in door technology. With slender sightlines, steel reinforcing, high security hinges and a full range of moulded panel designs our residential doors are suitable for any application. We are also able to spray our PVC doors in any RAL colour.

#### **Patio/French Doors**

Our high security French doors are designed for those locations where you require a single door most of the time, but in the summer a much larger total opening. Our patio doors are designed to slide effortlessly and come with a four point locking mechanism and are available as two, three or four part doors in a variety of colours.

#### **Colour Options**

Most of our windows and doors are available with the following hardware colour options.





Bronze

#### Stable/Emergency Doors

To compliment our range of PVC windows and doors we also offer specialist doors such as traditional stable doors, where the top and bottom sections open independently of each other as well as emergency fire doors, complete with the panic bar and multi point locking. All our specialist doors are available in both the 2800 and 2500 ranges of profile.



Black



Gold



White

#### **Patio Doors**

- Our patio doors are available in a choice of different styles and can be designed with 2, 3 or 4 door leafs
- Our doors are secured by way of four outward opposing hooks which prevent the leaf from being lifted from the frame
- A purpose designed mid-rail provides the ability to incorporate a letter box into the door leafs
- The patios are available in a wide range of colours and laminated foils to complement the windows
- The glass is secured into the frames by way of an internal glazing bead, meaning that the glass cannot be removed from the outside, making the doors more secure
- The patio has a smooth sliding action and comes with adjustable wheels and anti-lift blocks to prevent the leafs from being removed off the tracks

### **Patio Doors**

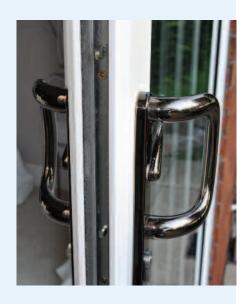
#### Why choose a Patio Door?

Our patio doors are a versatile option and ideal for conservatories, living rooms and porches. A style alternative to French Doors they are a great way to create an opening space without impacting on the immediate area, ideal as room dividers or where space is at a premium.





We also offer a specialist "large span" PVC patio door capable of spanning up to 3m per door leaf, this patio is ideal for maximising views with large glass areas and less vertical profile to get in the way. It is also ideal for exposed locations which are susceptible to heavy wind and rain. We are also able to offer this door in a wide range of colours and laminated finishes.







**Aluminium Bi-fold Doors** 



**Aluminium Windows** 



**Aluminium Patio Doors** 



**Units with Integral Blinds** 

# Aluminium Windows & Doors

#### **Introducing Our Products**

We design and install aluminium and PVC bi-fold doors, frames and patios in a wide variety of colours and configurations.

Our range of aluminium products are suitable for all types of residential and commercial applications and come in strong and attractive slim-line profiles. We offer the complete range of windows, doors, bi-folds and patio doors, all designed for strength and durability whilst remaining practical and aesthetically pleasing to look at.

#### Why choose a bi-fold door?

Panoramic folding doors transform any home. With an array of different options and finishes our beautifully designed doors are perfect for living rooms, bedrooms, kitchens and conservatories.

A bi-fold door adds that touch of elegance and finesse to any external aspect of your home. When closed the striking glass facade compliments the external aspect of any home.

Once opened the stunning effect of bringing the outside into your home is revealed.

All our bi-fold doors come with the quality and assurances you would expect from a quality designed product. The strength, durability and security of our products means you will enjoy low maintenance reliable performance over a lifetime of use.

#### Choosing your bi-fold door

There are a wide range of options available when choosing a bi-fold door for your home. Available in both aluminium and PVC-U with a variety of opening configurations a bi-fold door can be used as an alternative to a sliding door or open up an entire wall as part of a conservatory.





- We offer three main ranges of aluminium windows and doors, all of which offer some distinct advantages over many window systems on the market
- The Alitherm 300 range, which offers very slim sightlines, chamfered edges and a square bead is available as an A energy rated window, making it one of the most advanced aluminium windows on the market. With a frame width of 53mm and a frame to bead depth of only 59mm this is a very slim window offering a large glass area
- The Alitherm 600 range, offers a more ornate finish with an ovolo finish to the external edge of the sash and outer frame. With a frame width of 59.5mm and a frame to bead depth of 84.5mm this window is available as a B rated energy rate window
- We also offer the Evolution range of windows which has been specifically designed as a thermally broken direct replacement for old steel windows. It is ideal for listed buildings or where planning constraints are to be considered
- Polyamide thermal barrier to reduce heat loss and improve thermal performance.
- High quality EDPM rubber gaskets and weather brushes to aid weather proofing



# Aluminium Windows

#### Why choose Aluminium windows?

Alitherm windows and doors have been designed to reduce heat loss by the use of a thermally broken aluminium frame with a polyamide bridge.

The polyamide material has a very high resistance to heat transfer from the inner face of the frame (i.e. inside the room) to the external face of the frame (i.e. the outside). Thermally broken frames provide homeowners with windows and doors that have distinct advantages. Strength and durability are provided by the use of aluminium sections which gives structurally sound windows and doors for peace of mind.

Elegant slim sightlines are features of the Alitherm window and doors which are enhanced by an ovolo profile edge appearance. Additionally you have a wide range of colours and finishes to choose from both internally and externally.





- Available with a double or triple track to enable multiple sliders to move in the same direction, giving the potential up to two thirds opening aperture
- Available with 2, 3, 4, 5 and 6 sliding sashes, with the sliding sash sliding on the inside
- Our doors are complemented by a range of furniture options featuring traditional lever/lever or "D" looped handle options
- Handles are available in a choice of standard colours: with additional options to colour match the handles to the colour of the doors
- High security multi point hook bolt locking mechanisms are fitted as standard to master sliding sashes, with the additional security of internally glazed sliding sashes
- Polyamide thermal barrier to reduce heat loss and improve thermal performance
- High quality EDPM rubber gaskets and weather brushes to aid weather proofing. 28mm double glazed units, available with integral blinds giving a U'value of 1.8 W/m²K



# Aluminium Patio Doors

#### Why choose an Aluminium Patio Door?

Visoglide patio doors are designed to create a stunning glass façade in order to maximise the glass areas, allowing you to enjoy beautiful views.

Our range of aluminium patio doors deliver optimum performance and are tested to the highest standards to guarantee reliability. The strong, thermally broken aluminium sections enable the creation of dramatic sliding sashes with large glass areas without reducing thermal or weather resistance.

Special sliding mechanisms enable even the largest sashes to slide open and close smoothly, whatever their size. When closed these large sliding doors form a thermally efficient glass façade, a wonderful way to flood space with light and enjoy beautiful views.

#### **Patio dimensions**

- Maximum overall width 7000mm
- Maximum overall height 2550mm
- Maximum weight limit 200kg
- Maximum sash size 2500mm x 2500mm
- Standard double track width 99mm, triple track width 155mm, both with an up stand of 52mm





#### **Features**

- As well as just replacing the fascia board we will replace any rotten rafter feet, renew any cement on the gable end edges and replace rotten felt up to the first tile batten
- We offer a wide range of colours; from the standard white through to grey, black and golden oak. We are also able to paint PVC material in any colour you wish
- We also offer a full range of maintenance free cladding products designed to complement the PVC fascias and soffits

# Fascias, Soffits and Gutters

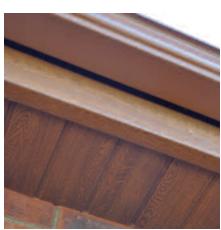
Choosing a roofline product that looks good is only half the story! Expert installation is vital to protect your home by ensuring the correct products are used and that the installation is carried out in a professional way.

Beware of just cladding over wood, without taking off the old wooden fascias. It is impossible to tell whether any existing timbers have started to rot. If they have and all you are doing is covering them up you are just storing up problems for later.

We specialise in replacing the old wooden fascia boards with strong, thick PVC boards that do not decay over time or require painting, thus providing a maintenance free solution.













"The fitters were excellent workmen and very courteous, they cleaned up well at the end of every day and are a credit to your Company, would recommend them every time."

Mr and Mrs Barham

# Conservatories & Orangeries

#### "Luxury in Light"

As a family owned and run company, we have built our business from the foundation of delivering a 'design-led' solution, rather than a 'hard sell'; believing that this allows you the time to examine the best alternatives for both your home and the way you live.

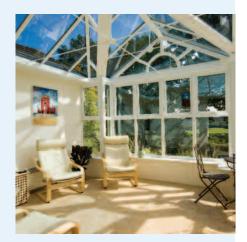
We believe that it is vitally important to look at your project in detail at a very early stage and for this reason we offer a totally free and without obligation design service for anyone interested in our products or services.

We will meet with you to discuss your requirements in depth; to find out how you anticipate living in your proposed room, explore the options open to you and generally get a clear understanding of what you are looking for.

We provide a project managed building and installation service from the very beginning; to ensure that your project is completed efficiently, on time, and with the minimum of disruption to your household. Our aim is to take the stress out of what can be a quite a fraught process.







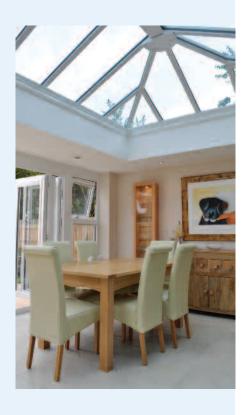


# **Conservatories**& Orangeries

When selecting a conservatory it is important to ask yourself some questions first.

- What style do you want?
- How big can you go?
- What do you want to use the finished room for?
- What material do you want to use for the base, the frames and the glazing?
- Are there any existing structural elements on your home, which may need to be considered first, such as manholes or soil pipes?

Whether you want something bespoke to your property, or something relatively standard, you can be assured that it will have the same quality, care and attention given to it, that we give all our projects.







Our priority is to listen to your wants and needs, and then work with you to produce a design that is both practical and stunning. We have many years experience, and will help you to create a stunning room which will suit your lifestyle, whilst complementing your home – practical and aesthetically pleasing.

With the use of CAD software, we can even produce drawings which can demonstrate how each design will look on your home.

When you are choosing a conservatory, it is worth considering how you will use the finished room, as this will dictate your finished wall and floor coverings to a certain extent. Spend some time thinking about the type of furniture you will want to put in it, as this will affect the size of conservatory you require.

When you plan to use your conservatory as an extension of your sitting room, it is important that it appears as a seamless extension to your house, using materials which blend with your property as though it has always been there.













"Thank you for the new windows at Grange farm it has made a huge difference already to the amount of heating we require on during the evening. We would also like you to pass on our thanks to the window fitters who have done such a fantastic job fitting them with a minimum amount of upheaval. Once again thank you"

















