



WINDOWS AND DOORS LIMITED







## INTRODUCTION

### **Transform your home and transform your lifestyle**

New windows, new doors, a new conservatory or garden room have the power to transform the look of your home. But what we often forget is how they can transform your lifestyle too. Replacement window and door products can improve the amount of light and air flow, increase your home's energy efficiency and provide easier cleaning and low maintenance. Browse through our range and find out how we can give a new lease of life to both your home and your lifestyle.

### **Quality matters**

New windows and doors are a big investment, so it's important you make the right decision. By choosing us, you have the reassurance that our products have been manufactured and installed by a company that's up-to-date with current legislation and backed by guarantee. Our high quality products offer excellent thermal and acoustic insulation properties, high security and an original colour palette. Turn to page 4 to find out more.





### Energy matters

In today's world, energy efficiency is essential. Energy efficient windows, doors and conservatories reduce heat loss, so your home feels warmer and less draughty. But more than that, you're reducing your carbon footprint, helping to protect the planet for future generations. Our window, door and conservatory products provide a perfect balance between energy efficiency and comfortable living. Find out more about the energy efficiency of our windows on page 6.

### Security matters

Peace of mind is paramount. All our windows, doors, conservatories and freestanding buildings have been designed with security in mind. Knowing that your new windows and doors will make your home as secure as possible is not only a good investment but could add value to your property, reduce your insurance premiums but just as important give you valuable peace of mind that your property and loved-ones are safeguarded. To find out more, turn to page 8.

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# QUALITY MATTERS

Your home is the biggest purchase you'll ever make, so it's important to know you're making the right choice when it comes to investing in products that add value to it. There are several things you can check to give you the peace of mind you need.

## **Look out for the CE mark**

The latest legislation is designed to give you the reassurance that your new windows, doors and conservatories meet the legal requirements for safety, security, weather tightness, energy efficiency and sound proofing. All windows, doors and conservatories need to be CE marked to comply with current legislation, so if you see products without it, you won't know if they meet the required standards.

***All our products are CE marked, so you know they meet the highest quality standards.***





#### **Ask to see our ID card**

The CE mark is your guarantee of the quality of a product. But how can you check the quality of the fitting? It's simple, all installers must now demonstrate their Minimum Technical Competences (MTC's) and as such, need to carry an MTC ID card. Our ID card is government-backed recognition that we meet Minimum Technical Competences. It's your reassurance that we've got knowledge of Building Regulations and British Standards, we undertake regular training and development and we're audited once every three years to ensure we're still meeting the required standards.

#### **Request information on our insurance-backed guarantee**

Your investment will last for many years to come, so it's vital in today's market that you have full confidence in the installation of the products in your home. Everything we install must come with an insurance-backed guarantee so you can be safe in the knowledge that your investment is protected for years to come.







All our windows are available in A++, A+, A, B and C rated versions

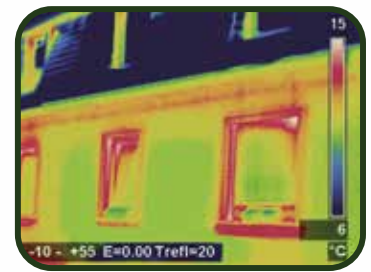
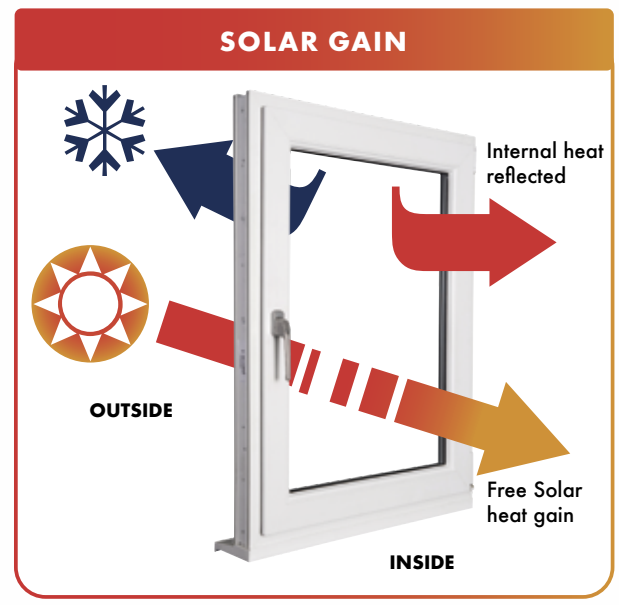


# ENERGY MATTERS

## Window Energy Ratings explained

Insulating your home is one of the best ways to make your home energy efficient – and one of the key ways to save energy is through double glazing. You will have seen the energy rating stickers on electrical goods such as washing machines and fridges. Window Energy Ratings work in the same way and allow you to see, at a glance, how efficient a window is. Recent legislation means windows must achieve a rating of C or above, so all you need to do is choose how efficient you want to be.

Poorly insulated windows alone can lose around 20% of your home's heat. According to the Energy Saving Trust, replacing all single-glazed windows with B-rated double glazing could save you around £165 on your energy bills as well as reducing your carbon footprint. Of course, you'll also be able to enjoy a home that is less draughty, has fewer cold spots not to mention adding real value to your property if you later choose to sell. You'll also notice that you have a quieter home thanks to the improved insulation.







### *Our commitment to the environment starts in the factory*

For us, awareness of our impact on the environment starts in the factory. Our environmental policy means we take our responsibilities very seriously and we lead the way in minimising the environmental impact of PVC-U at every stage of a product's life, including manufacture, fabrication, energy efficiency in the home and recycling. Recycling plants can recycle an old window into a brand-new window, rather than simply recycling into lower grade products such as drain pipes as is the industry standard.

Research suggests that home energy use accounts for around 27% of the UK's CO<sub>2</sub> emissions. A simple change, such as fitting energy efficient windows throughout the UK could save an estimated five million tonnes of CO<sub>2</sub>!





# SECURITY MATTERS

The safety of your home and your family is vital. That's why we ensure all our products meet all the relevant standards for safety and security.

## High security locking and optional steel reinforcement

All our windows, doors, conservatories and freestanding buildings come with high security locking as standard. The frames can be internally reinforced with galvanised steel, where required, to provide additional strength and an extra safeguard against intruders. Our residential, back and stable doors all have five point locking systems, while our patio, French and Bi-folding doors all have multi-point hook locks. You can also opt to add shootbolts to your windows if you want an additional layer of security. Shootbolts on our casement windows are from Yale, a well-known name to consumers up and down the country.

## Choose Secured By Design for extra peace of mind

Secured By Design is a police initiative that recognises products that have been designed with safety and security as the main priority. Administered by The Association of Chief Police Officers (ACPO), Secured By Design status is only awarded to products which offer exceptional security features. Our product ranges offer Secured By Design as an option for total peace of mind. For more information visit [www.securedbydesign.com](http://www.securedbydesign.com)





# OUR SYMBOLS EXPLAINED

Throughout this brochure you'll see icons next to our products. These have been designed so you can see, at a glance, what additional properties these products have to offer. Here's what they mean and the benefits they offer you.



Wherever you see this icon you can be sure that the product offers excellent energy efficiency as standard – find out more on page 6



When you see this icon, you'll know that the product has been designed with security in mind – see page 8 for more details.



This icon indicates that you have a wealth of colour options to personalise your choice – turn to page 36 to read more.



Wherever you see this icon you can be assured that the product holds a current CE accreditation certificate – turn to page 4 to read more.



This icon confirms that the product manufacturer are members of Manufacturing Wales, a prestigious association representing the vision and ambitions of manufacturers across Wales.



This icon confirms that the product offers a Secured by Design option for total peace of mind – turn to page 8 to read more.



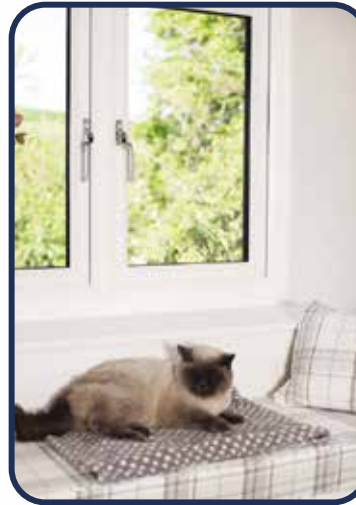
# CASEMENT WINDOWS

## The popular choice

Casement windows are the most popular window style we offer and we think the benefits they present are hard to beat.

Part of the appeal of casement windows is their versatility. The range of options from the openings to the glass and handles to the finish means you can create an individual look to enhance your home.

Nothing beats the refreshing appeal of new PVC-U windows. And by using the most advanced PVC-U technology available you can be confident that you're selecting windows designed, developed and engineered to the highest possible standards of quality and performance.







By installing our expertly engineered casement windows, you will enhance your home and increase your comfort while enjoying that all-important peace of mind. Each frame offers superb protection from the worst of the elements while thermal insulation keeps your home warm, dry and draught free. You will not only benefit from the windows' outstanding acoustic insulation but for your safety, we only use high security hardware for total peace of mind.

Their practicality is equally important. Easy to maintain and simple to use, not only will casement windows add value to your home, they'll also add value to your lifestyle.







# TILT & TURN WINDOWS

## The modern choice



Tilt and turn windows are as adaptable and practical as you need them to be. Tilt them to ventilate the room without compromising security. Turn them when you want to open them fully and let fresh air flood in. They are perfect when you need a wide opening, which makes them ideal when you need to think about fire escapes.

Alongside their practical benefits, tilt and turn windows offer a wealth of design benefits too. A choice of styles, finishes, glass and handles means your windows can be as individual as you are.

Manufactured from the latest PVC-U technology, your new tilt and turn windows will provide both excellent thermal and acoustic insulation while utilising high security window hardware for your total peace of mind and protection.







# FLUSH SASH WINDOWS

## The traditional choice

Traditional timber windows are a beautiful period feature. They make a fabulous design statement in new buildings too. You may want to have them to preserve or create the elegant look of your home. But having Flush Sash Windows doesn't mean having to compromise on what modern windows have to offer. Our PVC-U welded Flush Sash Windows offer the traditional elegance of timber windows with the modern benefits of minimal maintenance, energy efficiency and security. The windows can be fitted with a choice of modern handles or period monkey tail handles so you can create an individual look.





# BAY AND BOW FRONTED WINDOWS

## The beautiful choice

Bay and bow-fronted windows add real character to a home and let the light flood in. But the originals are likely to be draughty or even broken. And old replacements may be unattractive and cumbersome. Recapture the elegant beauty of your home with our range of bay and bow-fronted windows – or add them when you're refurbishing or extending to create a stunning feature.

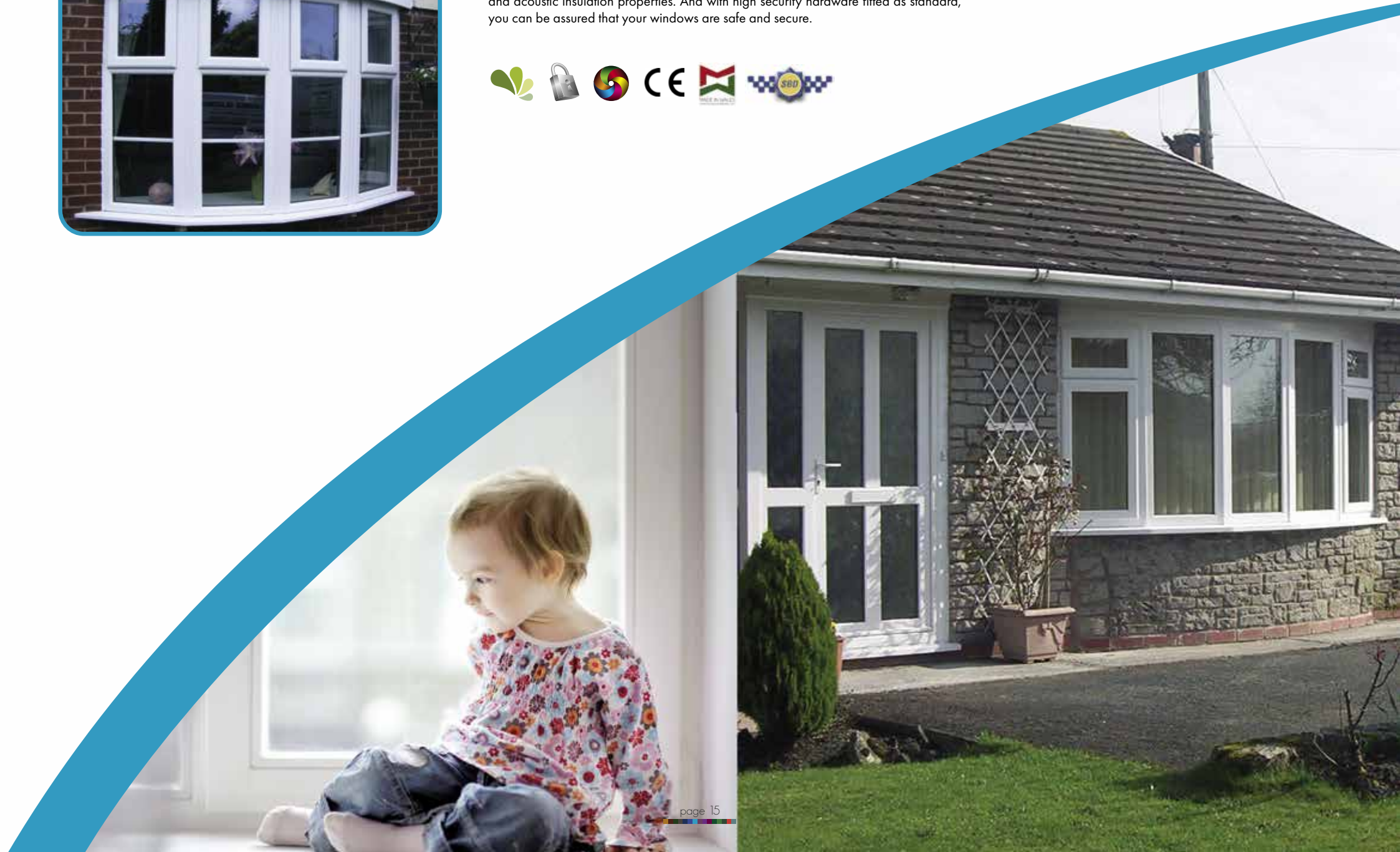
A bay window is typically built as part of the house, with the window following the contour of the wall. A bow window on the other hand, may be built retrospectively with an underside support. Whatever you choose, a choice of handles, glazing styles and bevelled or sculptured sashes means you can create a distinctive, stylish look.







And rest assured, our bay and bow-fronted windows will not only improve the look of your home, they'll also be easy to maintain so you can enjoy them for years to come. Manufactured from the latest PVC-U technology, our windows offer improved thermal and acoustic insulation properties. And with high security hardware fitted as standard, you can be assured that your windows are safe and secure.





# RESIDENTIAL DOORS

## A warm welcome

Your front door makes an important statement. It's the first thing people see so you want it to be stylish and welcoming. But you also want it to be strong and secure because not all visitors are welcome ones.

The residential doors in our range have been designed to match our window styles so you can create a streamlined and sophisticated look for your home, while strong security comes as standard for total peace of mind.

### Personalise your doors

Opt for inward or outward opening depending on what you need.

Add single or double sidelights or fanlights to create a distinctive look.

Match the glass and glazing styles to your home: from leaded lights to decorative glass, you can create the perfect design.







# COMPOSITE DOORS

A traditionally modern welcome

Where a door will be exposed to weather or particularly harsh or humid climates composite doors are a smart choice. These doors realistically imitate the look of wood, thanks to a combination of moulded wood grain texturing but with the added benefits of low maintenance, energy efficiency and security.

Your composite door will not crack, dent, peel or expand due to weather conditions. Unlike timber, they will not rot, bow or split and have a thermal insulation value of up to four times that of a timber door.

## A truly individual door

When we say "our composite doors" what we should really be saying is "your composite door". There is a choice of 21 styles, five exterior colours, two woodgrains and over 3,000 glazing options. In short, the choices available mean your composite door can perfectly reflect you and your home while providing the high security you need.





# PATIO & FRENCH DOORS

## Link the inside and outside

Whether it's looking through the glass while being snug and warm inside or opening the doors to let the outside in, our patio and French doors help you make the most of your garden. After all, if you've chosen patio or French doors it's because you want to look at what's outside, not at the door.

Viewed from the inside or out, our patio and French doors will transform the look of your rooms and your home. Illuminating interiors with natural light, providing comfort from the elements and affording security with peace of mind, our choice of doors will bring outstanding performance and long lasting results.

Manufactured from the latest PVC-U technology and fitted with high security hardware as standard, our patios and French doors offer security with improved thermal and acoustic insulation. Coupled with low maintenance properties, you really can sit back and enjoy your doors for years to come.



'Our patio doors are available in two, three and four pane options'.







# BI-FOLDING DOORS

## A contemporary look

A seamless transition to outdoor living, our bi-folding doors epitomise open living. When closed, bi-fold doors are a wall of glass that gives glorious views into your garden. When open, the inside and the outside become a single space.

Our PVC-U bifolding doors can fold to the exterior and more popularly, the interior, to give you the space where you need it. You can have from two to seven panes, so no matter how big or small you need your bi-folding door there will be a solution for you.

The bi-folding doors are robust and offer high security properties for your total peace of mind. Fitted with high security hardware and a superior level of locking, our bi-folding doors are secure as well as beautifully stylish.



# BACK DOORS

Making the back of your home as beautiful as the front

We all know how important it is to keep the front of your home looking smart. But what about the back? Our range of back doors and stable doors will help make the back of your home look as good as the front.

Our PVC-U back doors provide a practical and stylish solution designed to match our windows for a seamless look. Like most people, you'll probably make much more use of the back door of your home so it deserves, at least, as much attention as the front. With a wide range of colours, glass and hardware options to personalise your choice, your back door suites in perfectly with your property style. And as both doors are designed with energy efficiency and security in mind, you can keep the warmth in and cold and intruders out.







## STABLE DOORS

Our energy efficient and low maintenance stable doors give you all the benefits of modern technology with classic, traditional looks. No longer the exclusive preserve of the country cottage, stable doors are now popular in all kinds of homes regardless of their style. With their unique design, stable doors allow ventilation to enter a room when the top door section is in the open position. Manufactured from the latest PVC-U technology the stable doors offer excellent thermal and acoustic insulation while fitted with high security locking throughout.



## FLUSH ENTRANCE DOORS

Make an entrance to your home with a beautiful high-quality Flush Entrance Door. The flush profile delivers a sleek and modern door design and industry-leading security features such as toughened glass, high security locks and hinges keep your home secure. Every Flush Entrance Door is made to measure and manufactured to the highest standards for years of trouble-free use. And with a choice of colours and hardware options available, you can personalise your door to suit your home perfectly.





# CONSERVATORIES

## A room with a view

A conservatory can transform your home and your lifestyle. If you love your garden, a conservatory is a light-flooded room that will help you enjoy it all year round. If you need extra space, a conservatory is the perfect choice. Whether you desire a sunny space to sit back and relax, a home office, or a comfortable room to entertain family and friends, our conservatories will add an extra dimension to your life.

The options available make a conservatory the most exciting way of enhancing your home and lifestyle. We offer a beautiful selection of modular conservatories in a range of sizes perfectly designed for your home. And no matter what the style or age of your home, because the range includes Edwardian, Victorian, lean to, lantern top, gable, P shape and T shape design, your conservatory will complement and enhance it. We also design bespoke conservatories if you need something individual or unique.





# CONSERVATORY ROOFS

## The finishing touch

A conservatory is a glorious light-filled space you will love spending time in. It's a room that links your home and your garden more closely together than any other room can. It gives you valuable extra living space that can be used in a multitude of ways.

If you are considering a conservatory for your home, you will no doubt have thought about how you want it to look. A vital part of this will be in your choice of roof and this brochure will introduce you to the options available.

Whether you would like to create the substantial feel of a traditional extension, have a year-round space, enjoy a classic glazed roof or evoke the drama of an elegant orangery, the right choice of conservatory roof can help you.







## THE LEKA SOLID ROOF

The new innovative roof that packs a punch in solid roof design & manufacture

The Leka Roof System takes a conservatory to another level. At its heart, it's an innovative warm roof system designed to create another usable room in your home, whatever the weather. But what makes the Leka Roof System very special is its ability to transform your conservatory into a traditional extension with a constant ambient temperature.

Suitable for new build or retrofit projects, the Leka Roof System delivers the best energy values on the UK market and can transform both new and existing conservatory roofs to make them more thermally efficient. The Leka Roof system comes in a choice of options, to suit all budgets, and can achieve U-Values between 0.12 W/m<sup>2</sup>K - 0.18 W/m<sup>2</sup>K depending on your roof choice, making it one of the best insulators of its kind.





The Leka Roof is quick-fitting and can be typically installed in just two or three days, including removing the old conservatory roof on refurbishment projects. And due to its lightweight construction, existing conservatory frames are able to take the weight of your new Leka Roof as long as they are fully reinforced, without the need for an additional Steel Portal Frame.

The GRP (Glass Reinforced Plastic) construction of a Leka Roof ensures that the roof does not suffer from woodworm, moisture absorption or thermal bridging (movement of heat) which is commonly found with aluminium and timber constructed roofs. And for further peace of mind, the Leka Roof is jhai approved which means it meets Building Regulation standards.

You can tailor your Leka Solid roof precisely to your needs with a choice of tile, slate, Velux windows or Skylight glass panel options, giving you the usable room, you desire.







# LEKA ORANGERY ROOF

Beautiful and timeless

For a beautiful and timeless appeal the LEKA Orangery Roof combines traditional features with state-of-the-art engineering. With all the manufacturing integrity of the LEKA Warm Roof, the LEKA Orangery Roof offers a stunning lantern skylight to let the light flood into your room for a touch of sophisticated elegance.





Internally the LEKA Orangery Roof offers ceiling perimeter lighting for that perfect finishing touch.

With a choice of colour and size options available you can be sure the LEKA Orangery Roof will be the perfect finishing touch to your conservatory.





# LEKA Xi

## The next generation

The Leka Xi Conservatory System is the next generation in modular extensions and offers the best in thermally efficient home extensions, garden rooms or home offices. Precision manufactured and tailored to your exact requirements, the Leka Xi is available as a three-sided home extension or a four-sided standalone garden room.

There is a choice of finishes and options for dwarf walls or full walls to suit your personal tastes. With minimal ground work needed and quick, efficient construction, your Leka Xi room will be built in just a few days giving you the flexible, multi-purpose space you desire.







## LEKA SKYLIGHT OPTIONS

### More light and ventilation

If you are looking to bring some much-needed light into your conservatory then a Leka Skylight is the answer. The Leka Skylight fits perfectly in a Leka Solid Roof and gives your conservatory additional light to make the most of your living space.

If you are looking to add light and fresh air into your conservatory, then a Leka Velux opening skylight would be the perfect option. The flexible opening skylight allows you to add as much or as little fresh air as and when you need it.







## THE VERTEX COLLECTION

### Total style and flexibility

The Vertex conservatory roof collection offers you total style and flexibility. With a choice of traditional glass or polycarbonate options, the Vertex roof collection can be tailored exactly to your requirements.

By choosing the Vertex glass or polycarbonate roof options you will let your home flood with natural light and blur the lines between your outside and inside space perfectly.







All Vertex roof options have a unique one piece GRP peripheral main beam that incorporates an integral gutter, giving the roof much greater inherent strength. The ring beam is available with or without dentil moulding. The design is fully flexible, with options available for Victorian, Edwardian and P shaped designs, so you can create a style that suits your home.







## THE WENDLAND COLLECTION

A stunning focal point

The Wendland conservatory roof collection has something to suit all conservatory styles. With a choice of 'traditional' glass or polycarbonate options the Wendland collection offers a highly configurable roofing system that is BBA approved for your peace of mind.

If you want a real sense of the outdoors, then a Wendland glass or polycarbonate conservatory roof will give you the light-filled space your desire.







## THE WENDLAND LIVINROOM & LOGGIA

If you are looking for a contemporary take on the traditional conservatory, then the LivinRoom roof and Loggia column options are for you. At its heart, LivinRoom is a classic conservatory roof system, but the addition of an internal engineered steel frame that is plastered to give a perimeter ceiling creates the sophisticated feel to complement your home. In addition, the stylish thermally efficient column system of Loggia can produce the striking timeless appeal of an Orangery design.

The LivinRoom and Loggia roofing system can be used in a range of conservatory styles. To further enhance the usability, down lighters and speakers can be built in to the perimeter roof, so you can truly stamp your mark on this elegant living space.







# WENDLAND LANTERN ROOF

## Neat and stylish design

A Wendland roof lantern provides a stunning focal point for any kitchen, living room or dining room. Designed to draw plenty of daylight into your room with its 20° pitch, a Wendland lantern makes your new room bright and airy. Thanks to a strong ridge the Wendland lantern has less bars than other lanterns and with a host of clip-on features there are no visible fixings. Put simply, this means that the lantern looks both neat and stylish.

Wendland lanterns are packed with thermal features to avoid condensation build-up. From the thermal rider rail to the thermal clips, these features combine to ensure excellent performance, especially important in a kitchen where heat levels can change quickly.





Made to measure, the lanterns are perfect for any flat roof extension or orangery and are available in aluminium (grey, white or black) or PVC-U (grey or white).







# COLOUR

Personalise your windows

**PVC-U windows don't have to be white!**

We use Kolorbond, a proven paint for PVC-U that can give your windows and doors a personal touch. Manufactured in the UK, Kolorbond is available in all standard RAL and BS colours. It can also be colour-matched if you've got a specific colour to reproduce. It is extremely colour stable and resistant to UV light.







## FOILS

We also offer a range of woodgrain and smooth effect foils to personalise your home. From smooth effect contemporary greys and blacks to period creams and woodgrain finishes, there's a wide range of foil colour options to choose from. There's even the option to have a woodgrain or smooth effect foil on the exterior frame and a simple white interior frame if you want the best of both worlds.



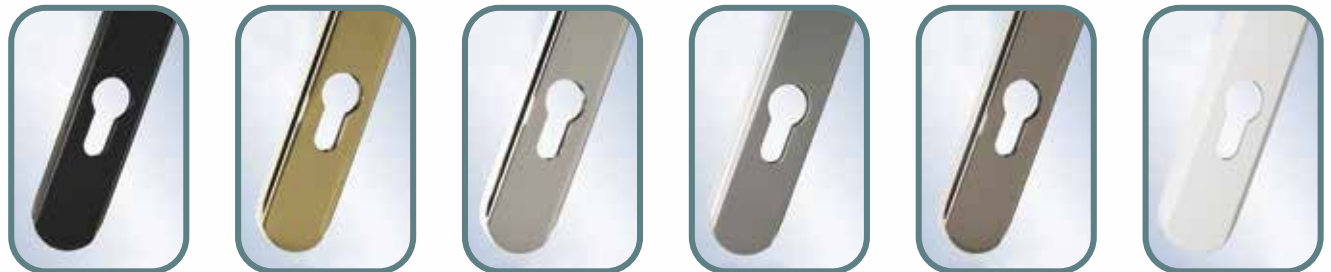




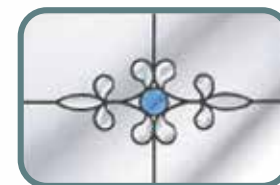
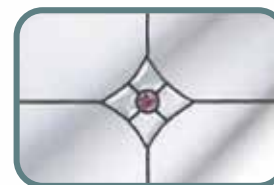
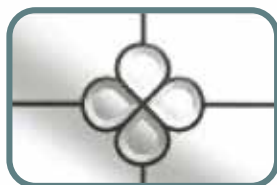
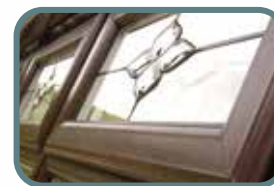
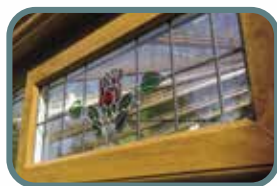
## HANDLES

As well as being able to choose the colour of your window frames, there are a multitude of other options you can use to personalise your windows.

A range of handle designs and colours means you can pick the option that best matches your interior for a beautiful, stylish look.







## GLASS

You can also choose from a wide range of glass and glazing styles. We have a myriad of beautiful obscured glass for bathrooms, cloakrooms and front doors to help you create privacy where you need it. From leaded lights to Georgian glazing bars, everything about our range has been designed to match and enhance your home.



