



Energy efficient **window and door solutions**



Graham Orrin
INSTALLATIONS
WINDOWS + CONSERVATORIES + DOORS + ROOFLINE

Window & door solutions to create your ideal home

With our comprehensive range of high quality PVCu windows, doors and conservatories, you can be sure to find the products that will suit your individual style. With minimal maintenance, and maximum durability, they'll suit your lifestyle too.

Our years of industry experience and impressive credentials mean you can completely rely on us at every stage of the process, from selection to installation.

We offer the very latest energy efficient windows, doors and conservatories which will help you make savings on your energy bills and also help keep your home cooler in summer and warmer in winter.

From the moment you contact us, we will provide the highest quality service, helping you to choose the perfect product to complement your home and tailoring it precisely to your needs.



**“We’ll help
you choose the
products - that
are right for
you”**

Safety and comfort for every generation

The latest technology

As well as adding to the look of your home, your doors and windows need to offer you protection – both from unwanted visitors and the elements. State-of-the-art door and window locking systems to enhance your home's security and give you extra peace of mind. Products manufactured using the very latest technology, so you can feel safe, secure and comfortable, whatever the time of year.

The look to meet your every need

We'll help you select the products that are right for your home – whether you're looking for a simple, elegant style, or a more ornate design, with decorative glass, panels or hardware.

Whatever you go for, our doors and windows not only look fantastic, they last for years. So as well as enhancing your environment, you'll be adding value to your home.



The best performing windows that money can buy

We all want the best from replacement double glazing. That's why our windows stand apart. From styling to performance to saving energy, the advanced design gives you a comfortable, secure, energy-efficient home. Choosing our windows could not only save money from day one, but reduce condensation and noise pollution too.

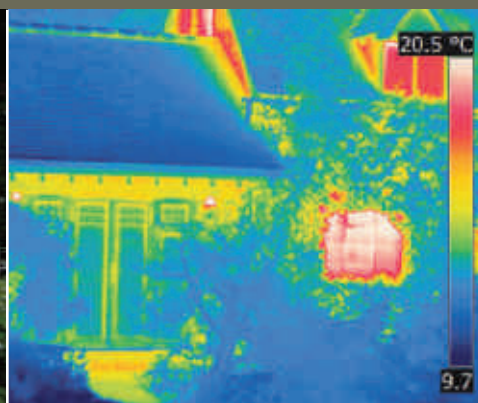
Energy efficient windows - at the right price

Our energy efficient window system brings together market leading components to deliver exceptional performance. This means quality performing glass and the best performing 'warm edge' spacer technology is used in the sealed unit. Our window profiles include Q-Lon weather seals, multi chamber construction, high security locking and stainless steel hinges.

Our windows make more of ambient heat

In winter, the energy efficient coated glass used in our windows retains warmth within the home. It's also designed to exploit radiant heat energy from the sun. These properties result in significant fuel savings compared to a single glazed dwelling.

Below: The images show just how effective fitting energy efficient windows to your property can be. The right hand side of the property still has the original windows - the reds and pinks show heat escaping. However, the new extension on the left is fitted with energy efficient windows, the lack of reds and pinks proving they help dramatically reduce heat loss.



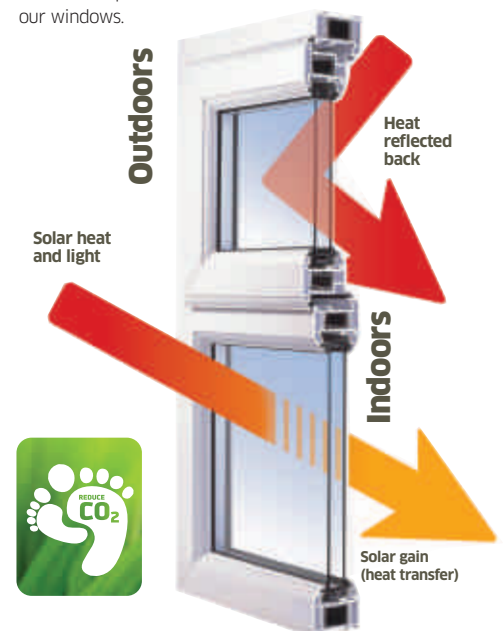
All our Energy Efficient windows achieve C rated or better energy efficiency. Decide what A, B or C rated performance you want; we'll do the rest.



Solar gain, free heat

Our energy efficient windows are manufactured using the latest technology in glass and spacer units.

This allows heat generated from your home to be reflected back into the room but also trap free heat from the sun through solar gain, thus maximising the thermal performance of our windows.



Choose both attractive & durable windows

New windows can enhance the look of your home, both from the inside and out. We offer a wide range of styles to suit all types of properties.

Opt for traditional white frames, or a natural woodgrain effect in golden oak, rosewood or mahogany. Then decide if you'd like Georgian, stained, diamond lead or bevelled glass.

Whatever style you go for, you'll find our windows aren't just pleasing on the eye, they're practical too. Minimal maintenance means their good looks will last well into the future.

 For window finish options

[> GO TO FINISHES AND GLAZING AT THE BACK](#)

Save money and cut wasted home energy by up to 20%

If your windows consist of single glazed or older double glazed units, replacement with energy efficient windows will save you money. It can cut the energy you need to heat or cool your home by up to 20%. You could also:

- Reduce condensation in your home
- Reduce your carbon footprint
- Reduce your energy bills
- Add value to your property



Design options

It's the detail that counts. Make your mark with our design options - creating your own individual style.



Georgian Bar

This style option allows you to tailor your window glazing to create a personal finish for your home. This is achieved by inserting a shaped bar in between the glass panes.



Astrical Bar

Similar to Georgian bars but offers a more traditional finish by planting shaped bars on top of the glass panes thus creating depth to the design and the look of individual glass units.



Mock Horn

Our Mock Horn feature enhances the aesthetics of your windows by achieving the appearance of a traditional vertical slider.

Casement Windows

Our range of casement windows is our most popular design, offering security, energy efficiency and is available in a multitude of styles and finishes to enhance the look of your home.

Whatever style you go for, you'll find our casement windows aren't just pleasing on the eye, they're practical too. Minimal maintenance means their good looks will last well into the future.

Features and benefits

All our casement windows feature energy efficient glazing and our unique high performing Q-Lon weatherseal ensures your windows will perform year after year.

Other key options include;

- Extensive choice of designs (see page 'WINDOWS/8').
- Available in a variety of foiled finishes, both woodgrain and solid colours.
- Range of handle colours to complement the finish of your windows.
- Wide range of glass designs, from leaded to Georgian bars.



Reduce condensation in your home by up to 80%

Whenever we cook, bathe or even breathe, we increase water vapour in our home. When saturated air contacts a cold surface, condensation forms, promoting bacterial growth and mould. Both can compound respiratory problems such as asthma.

Our windows are typically 3-4°C warmer than those with metal spacer bars, reducing condensation by up to 80%.



Tilt & Turn Windows



The Tilt and Turn window is a truly versatile product, offering both aesthetic and practical options. This design of window is available in a number of style options, all allowing larger opening areas to be achieved, thus this product can be used for fire escape openings.

Versatile and convenient

Tilt and turn allows you to tilt the window inwards, for ventilation, or alternatively open fully inwards which allows for easier cleaning. Furthermore, this product can also be incorporated within bay and bow style windows and is available with a variety of glazing options, including Georgian bar, leaded lights and obscure glass.



Vertical slider Windows



The vertical sliding sash window range combines the elegance of traditional sash windows with the benefits of modern materials. Manufactured from PVCu they are strong, will not rot, warp or require repainting; ensuring that they retain their colour and shape throughout the years with the minimum amount of maintenance.

Traditional features

Suitable for both replacing existing timber sliders in period buildings and adding character to any development, vertical sliders retain all the traditional features of their familiar counterpart but with the enhanced benefits that modern PVCu systems provide.



Bay & Bow Windows

Attractive, durable and versatile, our bays and bows will suit any style of property and provide valuable extra space in your home.



Bay Windows

Bay windows retain the traditional look of your home creating space, character and allowing light to flood your room.



Bow Windows

Our bow windows offer you the versatility of creating the illusion of space and depth by allowing more light into your home without the need for additional building work.

Reduce outside noise levels with our state-of-the-art windows and doors

Nowadays it's difficult to avoid external noise.

Whether you live near a major road, under a flight path or near some vocal wildlife, noise pollution can be a cause of major disruption. With double-glazed insulation and our high performance window seals, our energy efficient windows will help reduce external noise pollution.

A door range to enhance the look of your home

Combining high quality materials with first class performance and security - you can be assured our doors will give you peace of mind and an individual look to suit your home.



The right front door can create a great first impression when you enter your property. Patio, French-style, Bi-fold doors are a great way to open up a room - and invite the outside in.

We offer all these options in a wide range of finishes - from PVCu doors to composite ones, from simple glazed designs to more ornate styles, with decorative glass or panelling.

As well as being beautifully made, each door is designed to stand the test of time. So they not only work superbly as a barrier, they also enhance your home too.



 For door finish options
[> GO TO FINISHES AND GLAZING AT THE BACK](#)

Composite Doors

Our composite doors combine modern materials and performance with traditional looks to enhance the character of your home. Available in a wide variety of styles, colours and glass choices, they're designed to meet your every need.



Hertfordshire Range



Stable Door Range



Essex Range



Kent Range



Front Doors

PVCu Panel doors offer a wide range of designs and finishes. These can include full and half panel designs as well as sidelight options.



**"A range of doors in styles
and colours to suit every taste"**

French Doors

Throw open French doors and invite the garden, terrace, balcony or country views inside. A breath of fresh air for your kitchen, lounge or dining room, these beautifully made doors come in a range of styles, colours and finishes.



Patio Doors

Bring the garden closer to the house and use it like another room. With easy access in summer and a wonderful view in winter, a patio door adds light and air to life – all year round.



Bi-folding Doors

Bi-folding doors are the ideal way to provide extra space and connect inside living to the outside world. They can create a whole new feel for your home, linking rooms together and seamlessly joining inside living with outside space.



Versatile and aesthetically pleasing, bi-fold doors are the ideal replacement for existing patio or French doors to flood any room with natural light.

Amazingly flexible, bi-fold doors can be fully opened, partially opened or totally closed, depending on the amount of space available.



“Our bi-fold doors are both innovative and visually stunning”



Conservatories

– the brighter way to extend your home

Most of us would love more space and light in our homes – and there's no better way than a quality conservatory.

Conservatories offer more benefits than you might think. They don't just provide lots of extra room – our insulation means your new conservatory will retain heat in the winter, and won't be too hot in the summer. So it's a comfortable space for you to enjoy all year round.

With a variety of styles to choose from – ranging from contemporary to more classic designs – you're sure to find just the right way to bring the garden into your home...and your home into the garden!





The changing face of conservatories

Forget everything you think you already know. Our advanced conservatory technology and materials change everything. Prepare to be inspired...

Want a room you can genuinely use all year round – through the hottest summer or the coldest winter? Set your mind on creating something really different? Facing a challenging or unusual footprint to create your new space? Keen to exploit the lifetime savings available from thermally efficient glass? Look no further.

From innovative roofline pelmets, to distinctive moulded architraves and solid in-fills, to soaring engineering with glass, the ranges in this brochure redefine what a conservatory can be.

Through our five distinctive conservatory pathways – each with unparalleled possibilities for customisation – create a stylish, truly individual structure that precisely meets your needs.



Classic

Dwarf walls and traditional perimeter glazing. The versatile, affordable solution for any home.



Classic Plus

Take a Classic Conservatory to the next level. Explore full-height walls and bespoke roof designs.



Loggia

Bring in solid in-fill panels, feature surrounds, and architraves to create a classic Italian theme.



Glass Extension

Minimalist, contemporary, spacious and light. Be adventurous with bespoke construction and glazing.



Orangery

Renaissance grandeur, recreated for you. Beautiful detailing, high, ornate glazed roofs and full-height walls.

Choose your style & shape

Our five conservatory pathways are just the start. Once you've selected the broad look you're after, the style and shape options bring the detail to life.

From classic traditional styles like Victorian and Georgian to cutting-edge constructions like Glass Extension, you have complete control of the fine detail.

Style options

Once you have a conservatory pathway in mind, it's time to think about the style and shape.



Victorian

A popular style distinguished by a faceted front, giving a curved appearance. A particular favourite with period properties, however it's clean lines make this 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. Its sloping roof and contemporary style is suited to the majority of properties.



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.



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 roof pitch can be varied offering versatility and flexibility.



Lantern

The 'original' conservatory style offering a feel of 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.

Shape options



T-Shape

A combination style distinguished by a central projection that can either be a Victorian, Gable or Georgian. Offers a large and versatile floor space, an impressive addition to any home.



P-Shape

A P-Shape can combine a Lean-To and Victorian to create a versatile and visually stunning open space. This style is better suited to larger properties, giving an impressive result.



Custom

Although the shapes and designs shown are all bespoke, you may have your own 'one-off', exceptional or unique idea. The doors, windows and roof systems in this brochure combined with our expertise should allow you to achieve that dream.

Classic

Timeless and stylish

The key to the Classic is practical simplicity. With a timeless appearance and infinitely variable footprint, door and window configuration, the Classic suits properties large and small, old and new.

For more about popular Classic conservatory styles, talk to your advisor.



Personalise your conservatory

Tailor any conservatory to your needs with our range of doors and windows. See 'Personalise your Conservatory' page.

- Bi-fold doors
- Patio doors
- Double and single doors
- Casement, vertical sliders and tilt and turn windows

Optional extras

(see 'Personalise your Conservatory' page)

Select from our great value options. For example...

- Aluminium cornice
- Aluminium cresting detailing
- Roof vents
- Aluminium top caps
- Tie bars
- Utopia solid roof
- Glazing upgrades
- Loggia sidewalls (see Loggia page)

Classic STYLES AND SHAPES

Victorian	<input checked="" type="radio"/>	P-Shape	<input checked="" type="radio"/>
Georgian	<input checked="" type="radio"/>	T-Shape	<input checked="" type="radio"/>
Gable	<input checked="" type="radio"/>	Custom	<input checked="" type="radio"/>
Lean-To	<input checked="" type="radio"/>		
Lantern	<input checked="" type="radio"/>		



A. Perimeter pelmet
B. Full height brick column
C. Tie Bar



Classic Plus takes the Classic Conservatory to the next level. An ingenious perimeter roof pelmet accommodates downlighters, providing a focal anchor around the entire perimeter of the conservatory. The system can also accommodate brick columns and dwarf walls. To enhance the roof space, adding tie bars can create the appearance of a traditional Orangery – at a fraction of the cost.

What's more, the Classic Plus roof is available to upgrade an existing conservatory. Most conservatory types are suitable, and the upgrade transforms an existing structure with minimum disruption and cost. Ask your advisor for details.

Personalise your conservatory

Tailor any conservatory to your needs with our range of doors and windows. See 'Personalise your Conservatory' page.

- Bi-fold doors
- Patio doors
- Double and single doors
- Casement, vertical sliders and tilt and turn windows

Optional extras (see 'Personalise your Conservatory' page)

Create the conservatory of your dreams by selecting our great value options. For example...

- Full height brick walls & columns
- Aluminium cresting detailing
- Aluminium top caps
- Utopia solid roof
- Glazing upgrades
- Loggia sidewalls (see Loggia page)
- Downlighters
- Roof vents
- Tie bars

Classic Plus

Exclusive refinement

Classic Plus STYLES AND SHAPES

Victorian	<input checked="" type="radio"/>	P-Shape	<input checked="" type="radio"/>
Georgian	<input checked="" type="radio"/>	T-Shape	<input checked="" type="radio"/>
Gable	<input type="radio"/>	Custom	<input checked="" type="radio"/>
Lean-To	<input type="radio"/>		
Lantern	<input checked="" type="radio"/>		



Victorian	<input type="radio"/>	P-Shape	<input checked="" type="radio"/>
Georgian	<input checked="" type="radio"/>	T-Shape	<input checked="" type="radio"/>
Gable	<input checked="" type="radio"/>	Custom	<input checked="" type="radio"/>
Lean-To	<input checked="" type="radio"/>		
Lantern	<input checked="" type="radio"/>		



Creating a dynamic contemporary veranda glass extension, this conservatory achieves a great combination of spacious indoor and outdoor living. Full-height glazed sidewalls coupled with a wide choice of doors, including bi-fold, patio, double and single door options lets you create your perfect room.



Glass Extension

STYLES AND SHAPES

- | | | | |
|-----------|----------------------------------|---------|----------------------------------|
| Victorian | <input type="radio"/> | P-Shape | <input type="radio"/> |
| Georgian | <input type="radio"/> | T-Shape | <input type="radio"/> |
| Gable | <input type="radio"/> | Custom | <input checked="" type="radio"/> |
| Lean-To | <input checked="" type="radio"/> | | |
| Lantern | <input type="radio"/> | | |

Personalise your glass extension

Tailor any extension to your needs with our range of doors and windows. See 'Personalise your Conservatory' page.

- **Bi-fold doors**
- **Patio doors**
- **Double and single doors**
- **Casement, vertical sliders and tilt and turn windows**

Optional extras (see 'Personalise your Conservatory' page)

Create the conservatory of your dreams by selecting our great value options. For example...

- **Roof vents**
- **Glazing upgrades**
- **Solid side walls**

Glass Extension

Contemporary space

Orangery

Renaissance grandeur

For Centuries seen as the ultimate conservatory structure for a home, today's Orangery system will not disappoint. Celebrating the scale of larger spaces, the ornate roofing detail in Orangery is a triumph. Once again, the pelmet system offers the ability to feature sophisticated perimeter lighting, and custom tailoring can realise shapes suitable for most plots.



Personalise your orangery

Tailor any orangery to your needs with our range of doors and windows. See 'Personalise your Conservatory' page.

- Bi-fold doors
- Patio doors
- Double and single doors
- Casement, vertical sliders and tilt and turn windows

Optional extras

(see 'Personalise your Conservatory' page)

Create the conservatory of your dreams by selecting our great value options. For example...

- Aluminium cornice
- Aluminium cresting detailing
- Roof vents
- Aluminium top caps
- Tie bars
- Utopia solid roof
- Glazing upgrades)

Orangery STYLES AND SHAPES

Victorian	<input type="radio"/>	P-Shape	<input checked="" type="radio"/>
Georgian	<input checked="" type="radio"/>	T-Shape	<input checked="" type="radio"/>
Gable	<input type="radio"/>	Custom	<input checked="" type="radio"/>
Lean-To	<input type="radio"/>		
Lantern	<input type="radio"/>		

Personalise your conservatory

Why shouldn't your conservatory reflect... you?

We've hundreds of ways to make your new space your own.

Door and window options



Casement window



Vertical slider window



Tilt and turn window



Double or single door



Patio door



Bi-fold door



Lighting - integrated downlighting in the roof ridge space and pelmet surround.



Glass units - reduce solar gain in summer & minimise heat loss in winter with treated glass.



Opening vents - keep cool with manual or electrically operated roof vents.



Aluminium enhanced cresting suite - add the finishing touch.



Aluminium Cornice - enhance the aesthetic of any conservatory perimeter.



Polycarbonate glazing - choice of colours and performance characteristics.



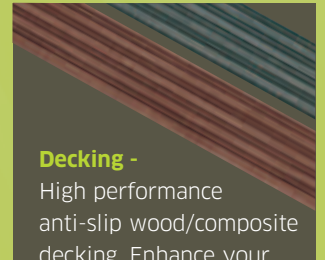
Aluminium top cap - add the finishing touch with a colour co-ordinated top cap.



Utopia roof - exceptional thermal efficiency. Compatible with most conservatories.



Tie bars - create the classic Orangery roof space with ornate, non-structural tie bars.



Decking - High performance anti-slip wood/composite decking. Enhance your living experience with our natural-look range.

Door & window security

– intelligent thinking for you

Windows and doors are at the heart of your home's security, and we design our products to ensure that visitors to your home are only the welcome ones.

Doors

Not only do all our doors meet industry standards, but we also work closely with the police under the 'Secured by Design' scheme to make sure our customers enjoy the best possible protection and peace of mind.

So, whether it's our security hinges or our state of the art locking system, our dedication to security is second to none.

The key benefits

- 10 point locking system for maximum security and peace of mind.
- 4 pre-compression rollers allowing door to seal prior to hooks engaging for smooth operation.
- 3 opposing steel hooks to maximise strength.
- 2 anti-lift bolts preventing door lock being dislodged from keeps.
- 1 centre latch for ease of day to day operation, incorporating dead-lock action when bolts and locks are engaged for added security.



Windows

Our Sac shootbolt locking system is specially designed to improve security and performance. It also takes pressure away from the hinges, ensuring a longer life for your windows. The tight seal guarantees superb weather protection too, so you'll feel safe and secure in every way.

The key benefits

- 8 Point locking system with unique corner drive design on all windows regardless of size.
- Unique full depth Eurogroove lock-out design to maximise security performance.
- 400% more shootbolt contact area with keep when compared to traditional flat shootbolts.
- Supaglide gear box action, tested to 100,000 cycles (equivalent to 30 years of heavy use).
- Rigorously tested to BS7950 and beyond to achieve Secured by Design status.



Finishes & glazing

- make a difference to your home

An exciting range of finishes, a vast array of glazing options and door furniture to suit every taste. The choice is yours - make a design statement.

Finish options

The range is available in variety of finishes including white, rosewood, golden oak and a range of solid colours, all can be combined with your choice of glass design, including Georgian square, stained or diamond lead.

The right window can make all the difference to a room, so it's important for it to look the part - and be reliable and cost-effective, too.



Dark Grey	Black	Cream	Golden Oak	Green	Grey	Irish Oak	Mahogany	Red	Rosewood	Rustic Cherry	Soft Cherry	White	Blue	Chartwell Green

Glazing

A vast array of glazing options are available. eg. Patterned, Georgian, Stained and Leaded.



Square Leaded	Obscure	Diamond Leaded	Fusion Tile	Sand Blasted	Artistic

Furniture

An attractive range of door furniture is available in a range of finishes.



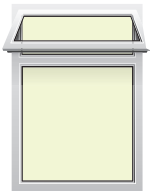
Gold	Chrome	White	Black	Flint	Adonised Gold	Adonised Silver

Colours are representative and may vary. Please see material swatch for actual colour.

Specification may change without notice.

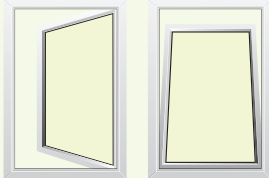
Technical specification

Windows



Casement

Casement windows consist of outward opening sashes and fixed lights. This most common product is available in a multitude of styles and various finishes. Sashes can open as side hung or top hung to suit application.



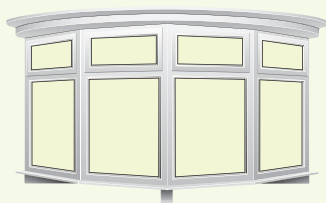
Tilt & Turn

Tilt & Turn windows consist of opening in sashes, which can be operated in two ways. Turn handle 90° to tilt top inwards with restrictors, turning handle a further 90° to open fully inwards, hinged on the side for access and cleaning. Available in a multitude of styles and finishes.



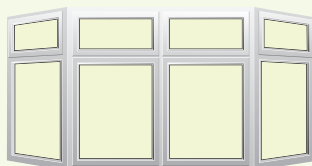
Vertical sliders

Our Vertical Slider combines traditional design with modern technology, available with a range of Georgian bars to create the required look. Both sashes slide vertically to open. They can also be tilted inwards for ease of cleaning.



Bow windows

Our Bow windows offer you the versatility of creating the illusion of space and depth by allowing more light into your home without the need for additional building work.



Bay windows

Bay windows retain the traditional look of your home creating space, character and allowing light to flood your room.

Doors



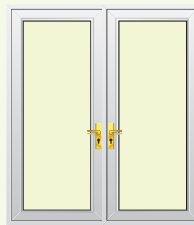
Front doors

Panel doors are of PVC construction, combining versatility in design with modern locking technology. Available to open inwards or outwards. A variety of styles are available which includes side light options. A variety of panel styles are also available which include many glass types. Further more various solid colour and woodgrain finishes are available.



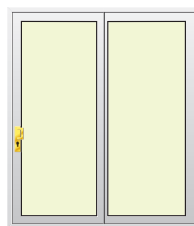
Composite doors

Combining the traditional look of timber with modern high performance materials to produce a range of traditional door styles in a variety of solid and wood effect finishes.



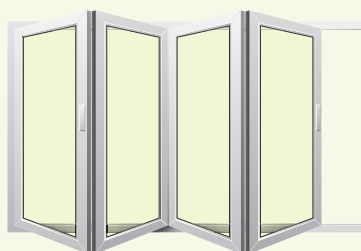
French doors

French doors are of PVC construction, combining versatility in design with modern locking technology. Available to open inwards or outwards. A variety of styles are available which can include midrails. French doors can also be designed with side panels to span larger openings.



Patio doors

In-line PVC patio doors are ideal when opening area is at a premium as the sashes do not encroach into the surrounding space. Available in 2, 3 and 4 pane options, patio doors can even be supplied with a midrail to include a letterplate if required.



Bi-Fold doors

Designed to fully maximise any opening space, bi-fold doors are available from 2 to 6 panes in a variety of opening sequences to suit your needs. Larger styles can incorporate single or even double opening doors for day to day practical use.

Contact us today...

and find out more about our services.
Our friendly and knowledgeable team of
professionals look forward to hearing
from you.

Designed and produced by The Lines Group Ltd, Cheltenham www.linesgroup.co.uk



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Web: www.goinstallations.co.uk



Graham Orrin
INSTALLATIONS

WINDOWS • EXTENSION • DOORS • REPAIRS