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

# DAVE UPTON
## HOME IMPROVEMENTS LTD

# Contents


**Contents and Introduction** 2 - 5

**Our PVC Window Range** 6 - 17
- 2800 Series, PVC Sculpted Profile
- 2500 Series, PVC Chamfered Profile
- Tilt and Turn PVC Windows
- Vertical Slider PVC Windows

**Glazing Options** 18 - 19

**Doors** 20 - 25
- Introducing our Doors
- Composite Doors
- Residential Doors
- Patio/French Doors
- Stable/Emergency Doors

**Aluminium Windows and Doors** 26 - 33
- Introducing our Aluminium Products
- Aluminium Bi-fold Doors
- Aluminium Windows
- Aluminium Patio Doors

**Fascia, Soffits & Gutters** 34 - 35

**Conservatories & Orangeries** 36 - 39

# Why buy from us?

- All our products are manufactured in the UK
- We have a wide range of BSI Kitemark products
- We offer extensive product guarantees
- We are a locally based business with great after sales care
- Talk to our existing customers to find out more!

***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.

# 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.

### 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

White | Rosewood | Light Oak

Irish Oak | Cream | Black

### KL Colours

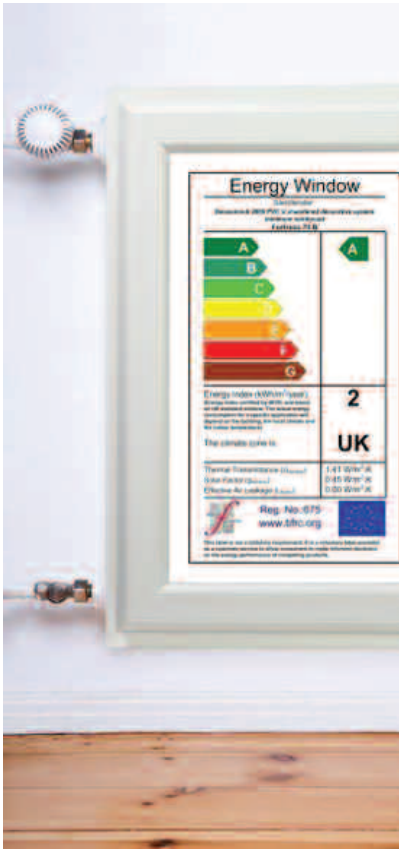
KL 001 (Matt) | KL 002 (Matt) | KL 003 (Matt)

### Sensation Colours

SEN 009 | SEN 012 | SEN 016

### 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/m$^2$K and triple glazed windows with u'values of 1.0 W/m$^2$K.




### 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.

### Window Features

- High security internal beading
- Multi point shootbolt locking
- Key locking handles
- Steel reinforcing
- Double weather-seals
- Thermal reinforcing
- Multi chamber profile
- Additional security claw locks

### Aesthetics Features

- Sculpted or Chamfered profile
- Wide range of colours
- Wide range of wood effects
- Available fully painted
- Low sightline grey gaskets
- Grey super spacer bar
- Easy clean glass
- Full range of leaded glass
- Feature Georgian bar
- Full range of stains and bevels

Secured by Design
SBD
Official Police Security Initiative

***Chamfered Profile with clean lines***

# Our PVC Window Range

Our 70mm PVC window range represents the state of the art in window and door design; embracing modern styles, high security and high quality engineering standards.

Our PVC range is available in two styles, chamfered (our 2500 range) and sculpted (our 2800 range).

### 2800 Sculpted Range

Our Super Fortress™ range of fully sculpted profiles, both on the inside and the outside, integrate easily into all types of architecture, enhancing the appearance of your home.

### 2500 Chamfered Range

With a sloped finish to the profile, our easy clean chamfered Fortress™ range of profiles offer a more traditional look to mimic old wooden windows with sharp, clean lines.

***2800***

***2800***

***2500***

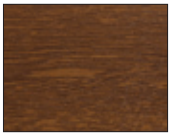
***2500***

The 2800 and 2500 ranges are both available in the following range of colours.

White/White

Rosewood Laminate/ Rosewood Laminate

Rosewood Laminate/ White



Light Oak Laminate/ Light Oak Laminate

Light Oak Laminate/ White

We also offer the 2800 range in the following range of colours.

White Laminate/ White Laminate

White Laminate/ White

Irish Oak Laminate/ Irish Oak Laminate

Irish Oak Laminate/ White

Black Laminate/ White

Cream Laminate/ White

Anthracite Grey Laminate/White

On the above swatches/colours, the top are the external and the bottom are the internal colours. Other laminated colours are available on request.

***We can also spray our frames in any RAL colour***

*"We had been recommended to you by a friend and everything they told us was true! The first things the installers carried up the drive were the dust sheets which reassured us that we had made the right choice, thanks for a great job"*

***Mr and Mrs Newlove***

***2800 Sculpted with feature Georgian cross***

*"The new windows have made a massive difference to our home. We have definitely noticed a difference in the main lounge which is considerably warmer since the old large bay window was changed. We are definitely glad that we paid the extra for the triple glazing"*

***Mr and Mrs Tolhurst***

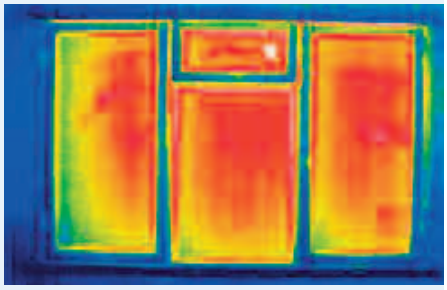
***2800 Sculpted Range***

***Rosewood 2800 Sculpted Range***

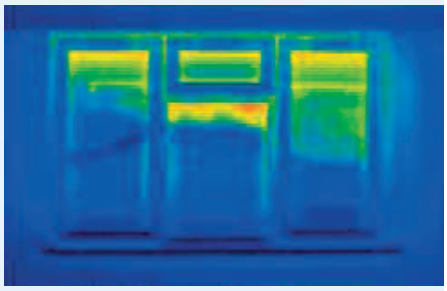
***2500 Chamfered Range***

### 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



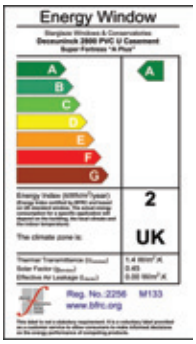
***Thermal image showing heat escaping through an old wooden window***



***Difference made by installing our high performance windows***

# Keeping the warmth inside your home

## Why Energy Rated Windows?



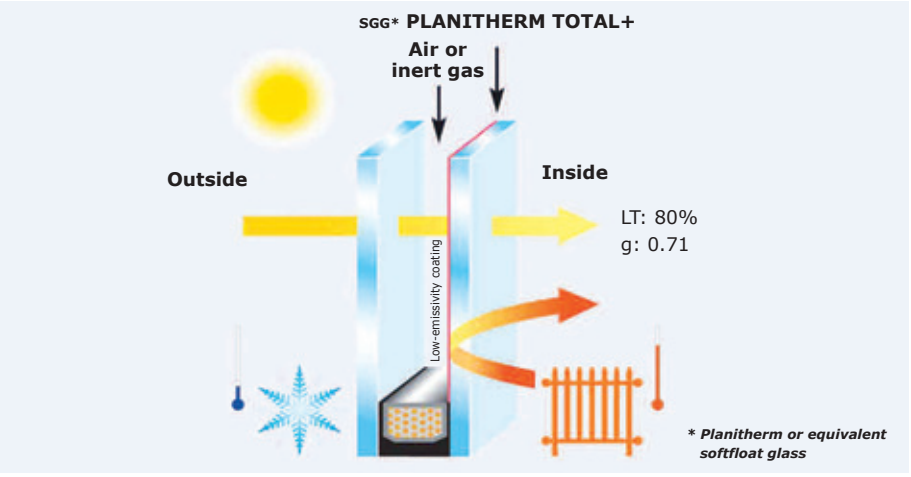

Our range of double and triple glazed units represent the next generation of high performance technology. We utilise a revolutionary high performance low-E glass, developed specifically for the particular needs of the UK. This enables us to get the highest Window Energy Rating, making our units some 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 W/m²K (with a glass u'value of 1.2 W/m²K). We are also able to offer a range of triple glazed windows which achieve an overall u'value of 1.0 W/m²K (with a glass u'value of 0.683 W/m²K). 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 anti-snap door barrels are available to give you maximum protection

***Optional claw locks***

Secured by Design
SBD
Official Police Security Initiative

# How to break into your own home and steal your own TV

***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.

***Stainless steel door keeps***

***Shoot-bolt espagnolette***

***2800 Sculpted Range***

*"Out of the various window companies we invited round we found that your salesman was the only one who took time to explain the benefits of the additional security features that we could have. We are delighted with our new products and have already recommended you to several of our friends"*

***Mr and Mrs Channing***

***Ask about our exclusive peace of mind security guarantees on our high security range of windows***

***Chamfered 2500 range of profiles, traditional clean lines***

### 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 re-staining 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 self-cleaning 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*

# Tilt and Turn Windows

### Features & Options

- 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

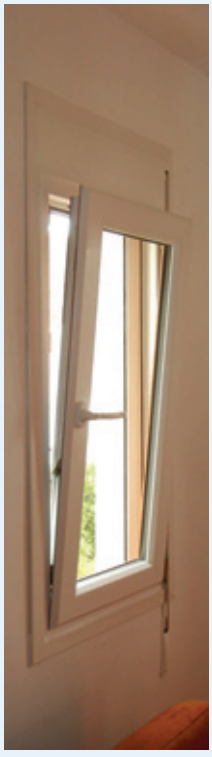
## Why choose Tilt and Turn Windows?

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.

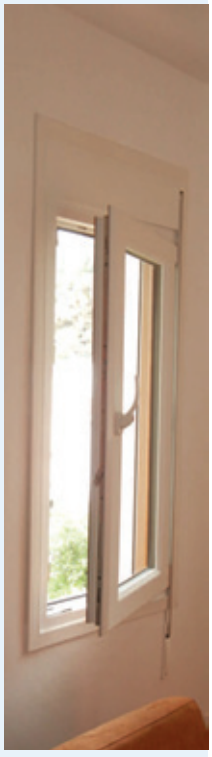
All of our tilt and turns are fitted with security wrap around gearing which ensures that there are multiple locking points on more than one side. These locate into specially designed keeps, which not only improve the security of the window, but also aid compression and help draught proof the windows.

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.



***Tilt***

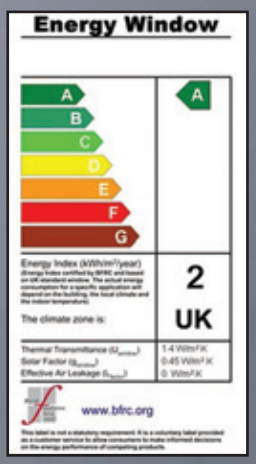


***Turn***

*"We were looking for all the benefits associated with PVC windows but we wanted to maximise the light coming into the room so didn't want the traditional small fanlight style openings. Your range of Tilt and Turn windows was ideal as we have plenty of glass and with the facility to be able to open the window inwards to clean they have made life much easier."*

***Mr and Mrs Odwell***

***Tilt and Turn window in the Tilt position, allowing background ventilation***



*"Not only do they look as good as the old wooden sash windows that came out but they are 100 times easier to open, no more stuck sashes or painting...only wish we had done it years ago!"*

***Mrs Harrison***

***Vertical Sliding windows with decorative horns and vertical feature Georgian Bar***

***Feature Bar***

***Tilt Facility***

***Optional Horn***

***Lift Position***

# 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."

### Features & Options

- 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!
- Glazing 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

***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

Secured by Design
SBD
Official Police Security Initiative

# 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 $W/m^2K$ as well as specialist units to reduce noise levels.

***White Georgian Bar***

***Foiled Georgian Bar***

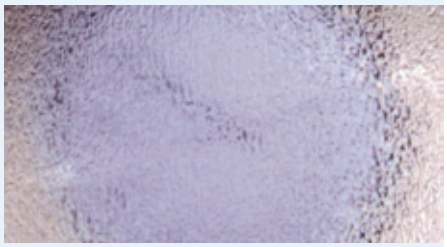
***Feature Georgian Bar***

***Gold Georgian Bar***

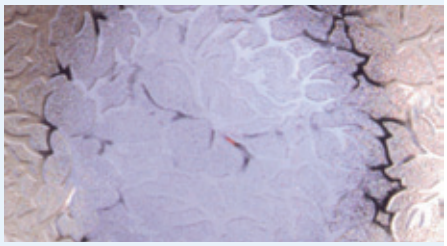
***Georgian Arches***

***Diamond Lead***

## Patterned Glass



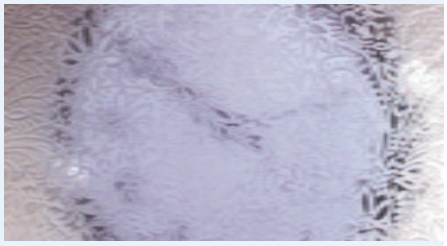
***Contora***



***Florielle***

***Everglade***

***Charcoal Sticks***



***Chantilly***

***Minster***

Other patterns are available

***Rectangular Lead***

***Perimeter Lead***

***Stained Designs***

***Bevel Designs***

### Units with integral blinds

We also offer units with blinds that are sealed inside units, thus protecting them from damage, dirt and dust! With a range of colours and operating methods, the blinds are unobtrusive and ideal for bi-fold doors, tilt and turns and conservatories.

***Composite Doors***

***Residential Doors***

***Patio/French Doors***

***Stable/Emergency Doors***

# Doors

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## Why choose a new door?

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

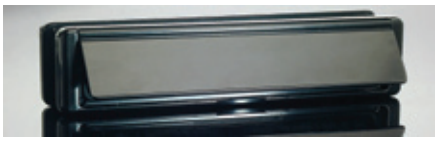
Our high security French doors are designed for those locations where you require a single door most of the time, but in the summer a much larger total opening. Our patio doors are designed to slide effortlessly and come with a four point locking mechanism and are available as two, three or four part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

### 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.

***Colour Options***

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



***Black***

***Chrome***

***Gold***

***Bronze***

***White***

*Composite ½ Med design, see our separate Composite door brochure for more designs*

*White, Open Out*

*Light Oak, Open Out*

*Rosewood, Open In*

# Doors

## Why choose a new door?

Our range of Residential and French doors are designed to complement your windows, available in both the sculpted 2800 and the chamfered 2500 range of profiles. There is a wide range of different door designs as well as panels available.

***Kensington 2, Diamond Lead*** | ***Sandringham 1, Georgian Bar*** | ***Balmoral 1, Georgian Bar*** | ***Balmoral 1, Patterned Glass*** | ***Chatsworth Bullion***

### Residential Doors

- Our 8 point locks are approved by the Association of British Insurers and benefit from multipoint hook bolts, roller cambs and a secure deadbolt
- For added security additional hinge protection bolts can be fitted as well as anti-snap, anti-drill and anti-bump door barrels
- Doors are available with adjustable flag hinges or the more traditional butt hinges
- Our PVC doors are available with a wide choice of moulded panels, please ask for our separate panel brochure

### French Doors

- Just like the Residential doors we use an 8 point lock on the master door leaf with extra handle operated shootbolts on the slave doors
- The deadbolts are secured against sawing by hardened steel pins and all our door locks are tested to European Standards DIN 18103, DIN 18251, DIN 18357 and are recognised to conform to BS3621:1980
- Low aluminium thresholds are available in gold and silver for Residential, French and Composite doors

**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.

# Dedicated Door Solutions

### Door Options

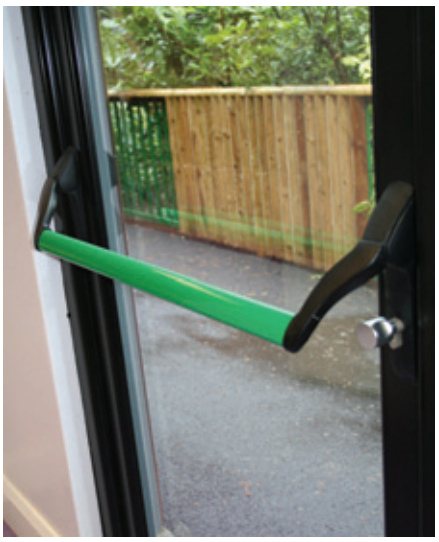
- Any of the door barrels can be upgraded to high security anti-snap, anti-drill and anti-bump barrels
- We can also provide keyed alike barrels for multiple doors in your home, please note that high security door barrels which are required to also be keyed alike have to be ordered in specifically for each contract
- A popular trend over recent years has been toward barrels which have a thumb turn on the inside, thereby removing the need to use a key to lock the doors on the inside, again these can be ordered as high security barrels and keyed alike
- We are also able to offer keyless entry systems for many of our doors, please ask us for more details

## Traditional Stable Doors

As well as the standard range of doors we also offer stable doors, where-by the two leafs can be interlocked and used as a single door or operated independently. This style of door is growing in popularity as it has both security advantages and safety advantages forming a protective barrier to stop small children getting outside.

## Emergency Panic Door

We are able to provide secure fire egress doors, certified to EN1125. Available in either sculpted 2800 or chamfered 2500 profile these doors are fitted with a multipoint lock incorporating twin bolts, a soft and dead latch that are operated by depressing the internal panic bar or pad.



**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.

## Configurations

Complete list of configurations

**1 Part bi-fold**

| | | |
|---|---|---|
| 1 | 0 | 1 |
| 1 | 1 | 0 |

**2 Part bi-fold**

| | | |
|---|---|---|
| 2 | 0 | 2 |
| 2 | 1 | 1 |
| 2 | 2 | 0 |

**3 Part bi-fold**

| | | |
|---|---|---|
| 3 | 0 | 3 |
| 3 | 1 | 2 |
| 3 | 2 | 1 |
| 3 | 3 | 0 |

**4 Part bi-fold**

| | | |
|---|---|---|
| 4 | 0 | 4 |
| 4 | 1 | 3 |
| 4 | 2 | 2 |
| 4 | 3 | 1 |
| 4 | 4 | 0 |

**5 Part bi-fold**

| | | |
|---|---|---|
| 5 | 0 | 5 |
| 5 | 1 | 4 |
| 5 | 2 | 3 |
| 5 | 3 | 2 |
| 5 | 4 | 1 |
| 5 | 5 | 0 |

**6 Part bi-fold**

| | | |
|---|---|---|
| 6 | 0 | 6 |
| 6 | 1 | 5 |
| 6 | 2 | 4 |
| 6 | 3 | 3 |
| 6 | 4 | 2 |
| 6 | 5 | 1 |
| 6 | 6 | 0 |

**7 Part bi-fold**

| | | |
|---|---|---|
| 7 | 0 | 7 |
| 7 | 1 | 6 |
| 7 | 2 | 5 |
| 7 | 3 | 4 |
| 7 | 4 | 3 |
| 7 | 5 | 2 |
| 7 | 6 | 1 |
| 7 | 7 | 0 |

**8 Part bi-fold**

| | | |
|---|---|---|
| 8 | 0 | 8 |
| 8 | 1 | 7 |
| 8 | 2 | 6 |
| 8 | 3 | 5 |
| 8 | 4 | 4 |
| 8 | 5 | 3 |
| 8 | 6 | 2 |
| 8 | 7 | 1 |
| 8 | 8 | 0 |

**Key to Configurations**

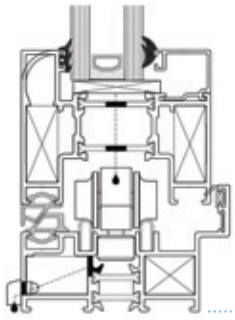
- Total number of doors
- Number of doors opening left
- Numbers of doors opening right

# Aluminium Bi-fold Doors

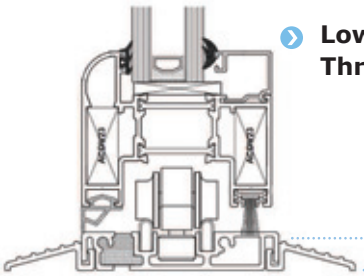
### Bi-fold Dimensions

Maximum height 2500mm, maximum sash width 1000mm, minimum sash width 700mm

| | | |
|---|---|---|
| 1 door design | min width 790mm | max width 1080mm |
| 2 door design | min width 1510mm | max width 2100mm |
| 3 door design | min width 2250mm | max width 3050mm |
| 4 door design | min width 3050mm | max width 4050mm |
| 5 door design | min width 3650mm | max width 5050mm |
| 6 door design | min width 4350mm | max width 6050mm |
| 7 door design | min width 5050mm | max width 7050mm |
| 8 door design | min width 5750mm | max width 8050mm |




**Standard Threshold**




**Low Threshold**

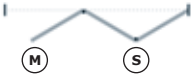
### Configurations

Examples of design configurations (open in or open out)

(M) Main door handle (S) Slave door handle

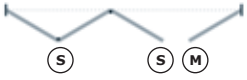
**Style** 3-1-2

**Style** 3-0-3




**Style** 4-0-4

**Style** 4-3-1




**Style** 4-2-2

**Style** 5-5-0

**Style** 6-3-3

## Features & Options

- Our doors can be configured to open in, open out, stack from the left or the right, open in the centre, end or in between
- Our doors are available with standard threshold with an up stand of 31mm or a low threshold version with ramps at only 15mm
- High security hook bolt locks and one piece keeps on main opening sashes, and shootbolt locking on floating mullions
- Highly engineered and robust stainless steel rollers to give a smooth and easy operation
- 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/m$^2$K
- 36mm triple glazed units are available, giving an overall frame U'value of 1.4 W/m$^2$K
- Upgrades to self-cleaning or other specialist units are available
- Magnetic door clips are available to secure open door sashes
- Head vents are available for background ventilation, although these must be fitted into frame extensions
- Handles are available in white, chrome and black, door hinges are only available in white or black

## Information on Colour

All our aluminium products are available in a wide range of colours, from the standard KL range and RAL colours through to the exclusive Sensation range of colours.

- Lead times vary depending on which colour option you select
- KL colours are on the shortest lead times
- All aluminium products are available in dual colours, i.e. different colours inside and out
- We also do a range of imitation wood finishes
- The aluminium finish is guaranteed for a maximum of 25 years against peeling, powdering, blistering, corrosion, fading and loss of sheen. Assuming that the material is cleaned and maintained in accordance with our guidelines. Back to back warranties apply to all other materials

## Our KL Colour Range

Below is our standard range of colours that are available on the shortest lead times. Please be aware that these colours come in different surface finishes as indicated below. Please note that these colours are only intended as a guide and you should request a KL colour chart for a more accurate image.

**Reference** KL 001 (Matt)

**Reference** KL 002 (Matt)

**Reference** KL 003 (Matt)

**Reference** KL 004 (Matt)

**Reference** KL 005 (Matt)

**Reference** KL 006 (Satin)

**Reference** KL 007 (Gloss)

**Reference** KL 008 (Matt)

**Reference** KL 009 (Gloss)

**Reference** KL 010 (Matt)

**Reference** KL 011 (Satin)

**Reference** KL 012 (Matt)

**Reference** KL 013 (Matt Metallic)

## Our Sensations Colour Range

An exclusive selection combining colour and texture giving durable scratch and corrosion resistance.

**Velour White** (SEN 001)

**Dune** (SEN 002)

**Sand** (SEN 003)

**Desert Grey** (SEN 025)

**Silver Grey** (SEN 017)

**Antique Grey** (SEN 015)

**Antique Green** (SEN 012)

**Olive Green** (SEN 018)

**Mars Red** (SEN 005)

**Sky Blue** (SEN 009)

**Vulcan Black** (SEN 014)

**Frost White** (SEN 022)

# 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.

### Features & Options

- 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 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 & Options

- 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 $W/m^2K$

*"We are delighted with our new bay windows. Initially we were unsure about the extra expense of having the non-opening windows so that all the glass lined up but we are so glad that we listened to your advice as it makes such a difference. My husband has even agreed that the feature Georgian bars look better than the old stained windows that we used to have!"*

***Mr and Mrs Cashmore***

***Sculpted 2800 bay windows with dummy vents and feature Georgian crosses in the fanlights***

# Fascias, Soffits and Gutters

**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

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.

# 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.

*"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***

## "Desirable and Practical"

Whatever design you want, whether it's an Edwardian, Victorian, Georgian, Sunlounge, Gable, P-Shape, T-Shape, L-Shape or B-Shape, we will make sure that not only is it attractive on the outside, it is also functional on the inside.

It is important to think about how you envisage using the new space before deciding on the size and design. Many companies offer standard designs which may not necessarily prove functional in the long run. We specialise in designing a usable space that will be fit for purpose for years to come.

# 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"*

DAVE UPTON
HOME IMPROVEMENTS LTD

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For technical reasons associated with colour reproduction, the colours shown give only an indication of shade, no guarantee can be given that they will exactly match the actual product finish.