

Call us

See how we can save money and add value to your property.

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



A homeowner's guide

Choosing better, more
energy efficient
windows

Correct at time of going to press May 2010. We reserve the right to make changes to specification, system or product details.



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Give yourself the home you really deserve

Stylish, energy saving and completely maintenance free. For high quality PVCu window, door and conservatory products, you won't find better choice or value.

Tired of maintaining ageing, weatherworn timber? PVCu is the perfect answer. Versatile and elegant, our comprehensive window, door and conservatory range is designed to suit any style of architecture. What's more, we can tailor-make designs to reflect your personal taste and needs.

Lasting Quality

We're passionate about quality, so only the best materials and components are selected to create our products. For example, the PVCu profile supplied by Duraflex meets the highest quality standards. Our products are manufactured using material produced under the latest British standards. PVCu has now achieved a Green Guide A rating, reinforcing the material's place in sustainable construction.

Personal Service

Our commitment to quality extends from manufacture to customer service and support. Expect a courteous, personal and professional service, with expert advice to choose the best products for your needs.

Superior Performance

Relax in a home that's warmer and quieter too. Our well insulated frames, quality double glazing, weather tight seals and multi chambered profiles ensure that heat loss is kept to a minimum. Where noise is an issue, the thermal insulation properties of PVCu and our unique Q-Lon gasket will help to minimise any disturbance from the world outside.

Not only warm and quiet, the tough exterior of our doors, windows and conservatories are designed to withstand the extremities of the UK weather too.

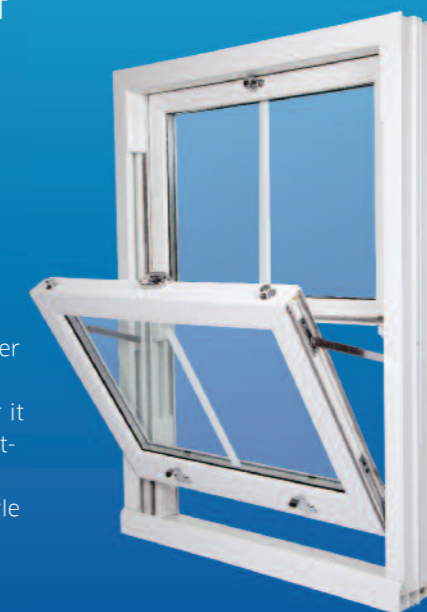
“The highest performance windows and doors – we wouldn't put our name on anything else.”

Choosing energy rated products ensures the very best thermal efficiency. You'll use less energy at home and generate less CO₂.



Choose attractive, durable and weather resistant windows that complement your home.

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



Why choose between elegance and practicality when you can have both? After all, 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. From woodgrain foils to patterned glass, add individuality and style to your home



“Plain or opaque... diamond leaded or bevelled... select glazing that's perfect for the look you want.”



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%.

Open your mind to **21st century style**

The PVCu window has come a long way over the past two decades. Gone are the days of bulky and obtrusive frames. Today, PVCu windows are not only designed to look good, but also to meet the highest standards of quality and performance.

No matter what style of property, we can offer you a design of window to complement the architecture. From the simplest casement window to the grandest Victorian bay, we can create both traditional and

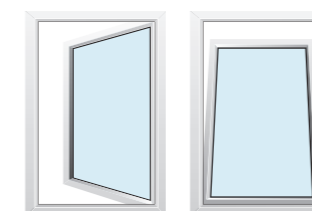
individual looks for your home. Strong, secure PVCu construction means they'll never rot, warp or require repainting; just an occasional wipe clean keeps them looking like new.



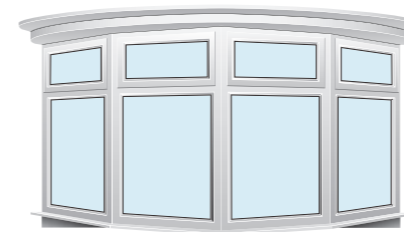
Casement



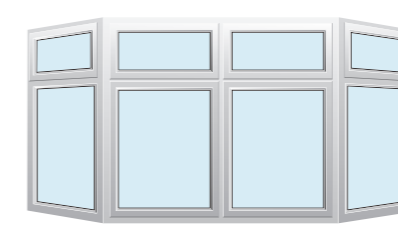
Vertical Slider



Tilt and Turn



Bow window



Bay Window

Combine the traditional and the modern with vertical slider windows

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.



Step inside to create your
**perfect
 welcome**



The entrance to your home is a focal point, both inside and out. Our high quality doors – in two, three or four pane styles and various finishes – guarantee you and your visitors a stylish welcome.



Our PVCu residential doors not only look good; they're tough, too. Whatever style you choose, it'll easily withstand the knocks of family life year after year.

Doors also need to be secure – keeping your family and possessions safe. All our doors are fitted with the best security features including multi-point locking mechanisms.

Choosing the door to suit your lifestyle and the character of your home isn't a problem. If you want privacy from the outside world, choose from our range of solid options, or if you want light to flood in and brighten a hallway, we can offer you a range of glazed options to suit your every need.



Composite doors are an alternative to PVCu doors, offering all the benefits of low maintenance and security but with the traditional look of a timber door.

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.



Which ever style of door you choose, we can offer a wide range of glazed and solid options



Step outside for a breath

of fresh air

Imagine stepping straight outside into your garden, patio or balcony in seconds with ease. Whatever style of door you want, and whatever size, we can create exactly what you need.



French doors



patio doors

Maybe a large, generous patio door is right for you? Or are you looking for the elegance of our French style doors?

Classic and stylish, French doors provide a wonderful way to open up a room into the space outside. Through the addition of glazed and solid panels, you can create a design that's perfectly suited to the style of your home.

As always, safety and security are our top priority. All our products are available with high security locks and toughened or laminated glass is fitted as standard.



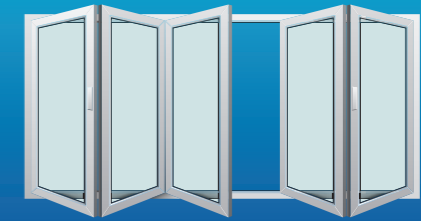
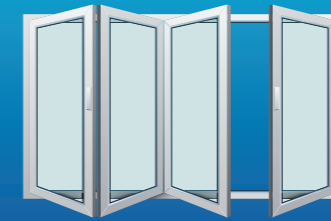
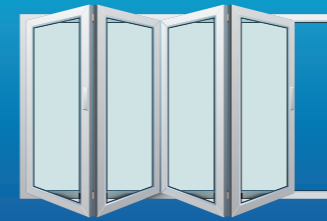
Let **light** flood in **open up your world**



“With easy access in Summer and a wonderful view in Winter, **bi-fold doors** add light and air all year round.”



Breathtaking Bi-folding doors transform a room with an expanse of glass. With energy efficient seals and security locks, the room stays warm and totally secure, yet opens in seconds to the outside world.



Choose from a range of opening configurations.

Bi-folding doors 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 and versatile, bi-fold doors can be fully opened, partially opened or totally closed, depending on the amount of space required. Once fully opened, doors stack neatly to one side creating valuable new space and open plan living. Our unique design means

both cill and track are incorporated into the threshold. The reduced frame height improves aesthetics and results in smoother opening and closing.

Other key features and benefits include;

- Slimline UPVC.
- Broad range of door configurations.
- Choose from 2 to 6 door panels.
- Internally beaded.



A seamless addition to transform
your home

Extend your home with one of our PVCu conservatories and get a new outlook on life. A conservatory is more than just another room: it's a room with a view...



“Well insulated, stylish conservatories offer comfortable and practical environments families can use all year round.”

Our choice of traditional and contemporary designs, PVCu colours, finishes and window and door styles is simply second to none. If you need advice, just ask. Our consultants will be delighted to create a design sympathetic to your property, your living requirements and, of course, budget.



Whatever
the weather

When planning how to make the most of your conservatory, there's a lot to consider - its size, shape, and of course, how much sun it gets.

Our heat reflective glass will ensure you enjoy your conservatory all year round. Its unique coating reflects almost twice as much solar energy as standard glass, and reduces the glare on those bright sunny days.



The unique coating reflects about 69% of total solar energy. Almost twice as much as standard glass.



Reduce potentially expensive heating bills. Our product out-performs standard glass by more than 50%.



Warm edge spacer technology increases the edge temperature by up to 65%.



This product is a world first, offering true self-cleaning glass that never stops working.



Glare is reduced by 44% all year round compared to standard units.



Victorian



Georgian



Gable



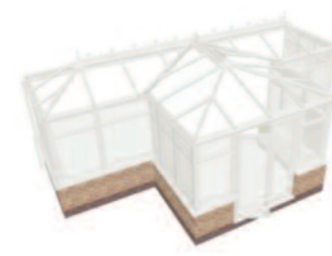
Lean To



P-Shape



Lantern



T-Shape



Custom

Creating energy efficient windows.

How

we do it



The components

The spacer

1) Warm edge spacers

Up to 80% of a double glazed window's energy loss occurs at the glass edge. Ordinary aluminium spacers are highly conductive. In winter they let heat escape and encourage condensation. That's why our windows feature a warm edge NON metal spacer. Advanced composite construction is up to up to 22x more efficient at preventing heat transfer around window edge. It also has a 60-75% lower vapour transmission rate, increasing window service life.

The profile

2) Q-Lon weather seals

Our windows feature the innovative Q-Lon weather seals. Offering exceptional performance over a wide temperature range. They don't shrink or stretch thus maintaining an excellent weather seal. The unique construction actively absorbs sound pollution, increasing acoustic insulation. Immune to rot, mould, mildew, UV and ozone, CFC-free Q-Lon weather seals will last the lifetime of a window.

3) Multi-chamber construction and insulated beading

Our multi chamber construction is designed to improve strength, thermal and acoustic performance.

4) Bevelled or featured sash, frame and beads

The double clipped hollow glazing bead is designed to aid thermal performance.

5) Thermal Reinforcement

Windows are traditionally manufactured with steel reinforcements. Steel reinforcement is used to secure fixings for hardware and to provide strength and support against strong winds bending/distorting window frames. However, steel is not an insulating material, which means valuable heat can be lost simply through the material used to reinforce frames. PVCu thermal reinforcements are not only as strong as steel, they are the simplest way to boost the thermal efficiency of your windows. The unique multi chambered design creates a barrier against airflow travelling through the window, which minimises the heat which can be lost through your window frames

Other features

Stainless steel friction hinges -

High performance, superior quality.

High security shootbolt system -

Peace of mind with ease of operation.

The glass

5) Pilkington glass

Pilkington's range offers proven products and technologies to meet a range of Window Energy Rating and Building Regulation requirements. Providing the Leading Low E glass in the UK, Pilkington also offers a good balance of U and G values, helping your customers to retain costly energy and exploit radiant heat from the sun. Our Energy efficient windows can be specified to meet the requirements of the Pilkington Energikare scheme - further assurance of the credentials of our superior window system.



Choose proven technologies for a longer, maintenance-free life - **guaranteed.**

Greener manufacture starts in our factory

From the manufacture of safechoice sealed units, to our sources of supply, to our support for recycling and recycling initiatives, the safechoice system makes sense - environmentally and commercially.

Our energy efficient windows are produced using the award winning BBA and BFRS approved Duraflex profile systems. Duraflex has achieved the ISO 14001 Environment Management System and as a result all window profiles are extruded using 100% lead free.

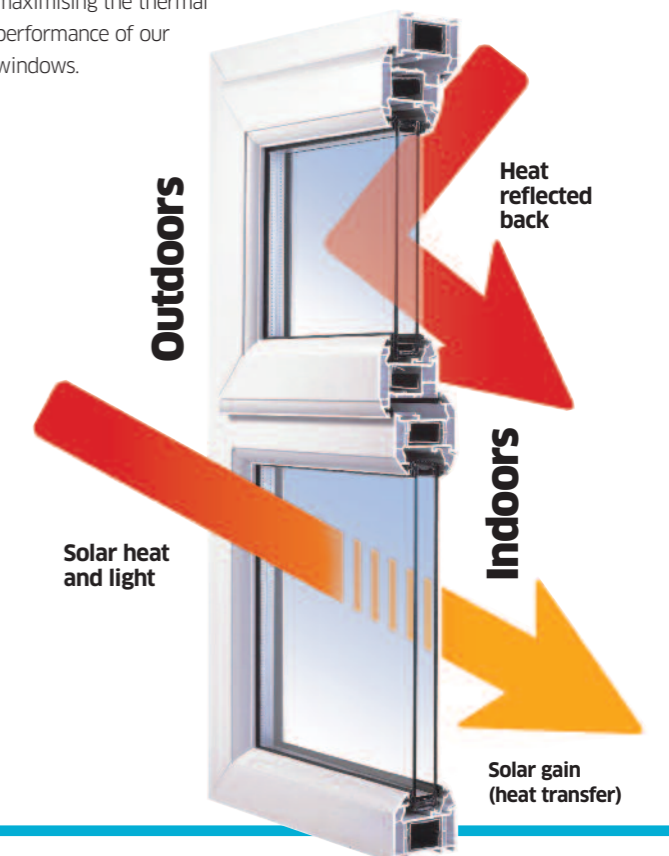


"Choose the best energy rated windows that money can buy"

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.





Door Security

- intelligent thinking for you

Window Security

you can rely on

Ensure unrivalled protection for your home with Yale high security Shootbolt window locks, boasting an impressive combination of chamfered shoot bolts and compression adjustable 'mushroom' cams.

Manufactured to the highest specifications and complying with British security standards, Yalelock deliver optimal levels of weather-proofing and security performance; safeguarding your home against the elements and intruders alike.



As a market leader in home security in the United Kingdom, Yale have designed, developed and tested their Shootbolt window lock to deliver the highest levels of performance for security, ease of use and service life. Wherever you have Yale products fitted in your home, you can be assured of an unequalled pedigree of quality and reliability.

Features and benefits

- 10 year guarantee
- Combination locking technology
- BS7950 compliant - British standards casement window security standard
- Secured by Design accredited
- Optimal weather proofing
- Designed for every window in your home.



Industry leading 8-point locking system

- A** Locking Shootbolt
- B** Adjustable compression locking cams

Features and 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



Industry leading 10-point locking system

- C** Pre-compression roller
- D** Anti-lift dead bolt
- E** Centre hook dead bolt

Extensive designs to complement every home

The doors and windows you choose have a major influence on the look and character of your home. Choose a finish that makes your home unique. Make a design statement.

Woodgrain

Our comprehensive range of products are available in a range of finishes - brilliant white, mahogany, rosewood and golden oak. Woodgrain on white achieves the look of traditional hardwood frames on the outside and brilliant white frames on the inside.

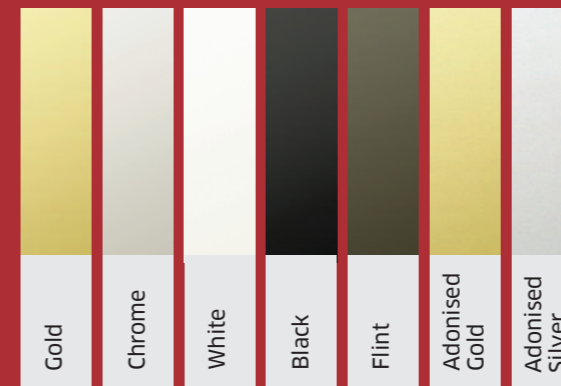
Door and window furniture

Create a great first impression with our stylish selection of door accessories. From pad handles to scroll handles in a choice of colours including chrome, gold and black. These can be combined with matching letter plates, numbers and knockers. Our sales advisors will be delighted to show you samples.



Furniture

An attractive range of door furniture is available in gold, white, black and chrome; enabling you to select what best suits your home and personal taste.



A variety of finishes are available to complement your home including white, woodgrain and a range of solid colours.

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

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

