





# Authentic Sliding Sash Windows

**With the benefits of modern day technology**



Your property is so much more than just a house, it's your home and normally your largest single asset. So when you want to capture the look of a traditional vertical sliding sash window, our PVC-U windows are the perfect solution.

Manufactured to maintain the elegant proportions of traditional sash windows, whilst incorporating the very best of modern day technology, enables you to enjoy the low maintenance and high security of PVC-U without the problems associated with timber sash windows. Your new windows are guaranteed for 10 years as they are

manufactured from the highest quality materials under the strictest quality controls.

Our windows feature tilting upper and lower sashes for ease of cleaning, low line beads and gaskets for improved sight lines, energy efficient glass to reduce your heating bills, and above all they are quality assured for your peace of mind.

From a terraced house to a stately home, our vertical sliding sash windows ensure that your property retains its character and charm. You can choose from a wide range of styles, colours and hardware options to complement your home perfectly.

The elegant proportions of traditional sash windows have been maintained





Our vertical sliding sash windows ensure that your property retains its character and charm

### Key features:

- Sculptured Georgian bars
- Traditional run through sash horns
- Both sashes slide
- Reinforced with galvanised steel
- Low maintenance - no sanding or painting
- Easy Clean Facility
- Quick to install
- 10 Year Guarantee
- Secured By Design
- A Energy Rated
- Manufactured to your sizes and specs
- British Made







# Modern windows that look like the original

**Bring elegance and style to your home**



Many buildings have been subject to inappropriate window replacements that have ruined the character and look of the property. Our windows enable you to install new windows that blend into their surroundings - city or countryside, commercial or residential. Our heritage vertical sliding sash windows are perfect for conservation or traditional projects, a classic look with modern advantages.

Sculptured Georgian bars, sash horns, two sliding sashes and a choice of hardware, together with a selection of beautiful finishes, all add to the traditional feel of these beautiful windows.

Choose from the classic White PVC-U, or a range of options including Golden Oak, Cherrywood, Irish Oak, Cream and White woodgrains, see page 10 for full options.



Install windows that blend into the surroundings



## Safe and secure with a beautiful finish

### Peace of mind and security



*Travel restrictors*



*Tilt Facility*



*Run through sash horns*



*Lock*



*Secured By Design*

**Our vertical sliding sash windows have been designed with not only elegance and authenticity in mind, but security too.**

Vertical sliding sash windows are fully reinforced, not only to prevent deflection in windy weather, but also to strengthen the sashes so that they are capable of carrying the weight of the glass and provide a strong secure fixing for handles, latches and other components.

The balances maintain the equilibrium of the sash window at all points of travel and robust locking devices ensure the security of your home.

SBD focuses on crime prevention of homes and commercial premises and promotes the use of security standards for a wide range of applications and products, including windows and doors.

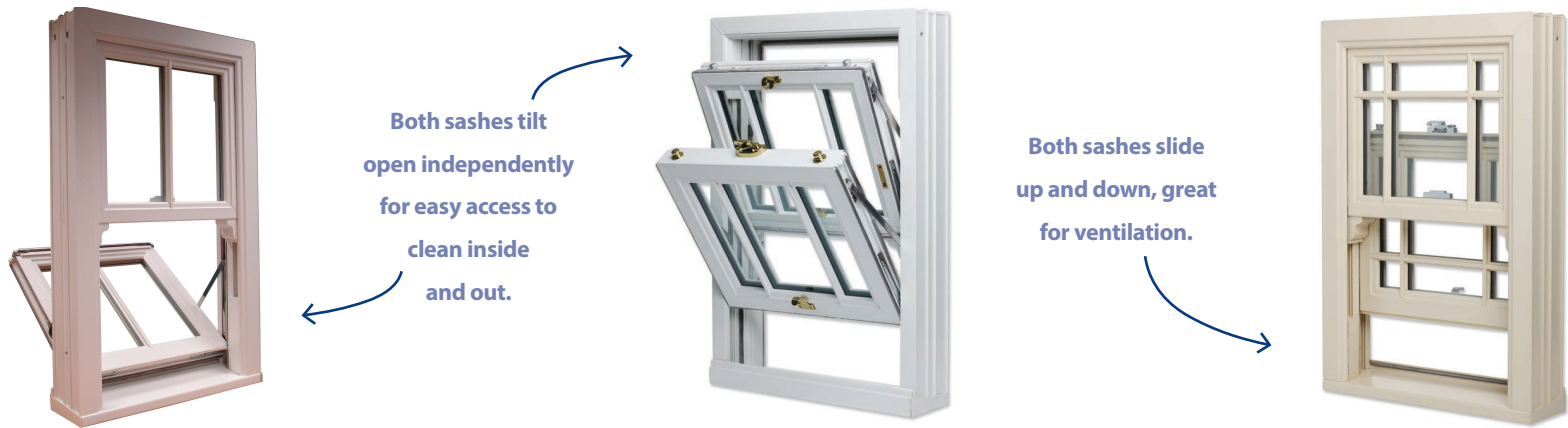
Please note that the 'Secured By Design' specification is not standard and must be requested as part of the window specification.

**Robust locking devices ensure your home is secure**



## Easy maintenance and cleaning

### No more sanding and painting



You can now avoid the need for costly cleaning chemicals, varnish and paints. Manufactured using the latest modern materials, your new windows will not rot, flake or peel. Your new windows will simply require an occasional wipe down with a damp cloth.

The PVC-U vertical sliding sash windows not only slide up and down like traditional windows, but tilt inwards so that the panes can be accessed making it easy to clean your windows from the inside.

Your new windows will not rot, flake or peel



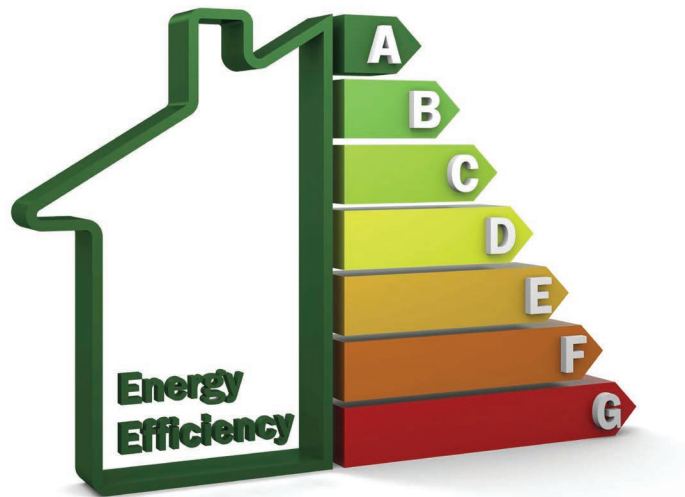






# Energy efficient and environmentally friendly

**Recyclable, lead-free and energy saving**



Energy Window PVC-U Vertical Sliding Sash	
Energy Index (kWh/m <sup>2</sup> /year) (Energy Index certificate by BFRC and based on UK standard window. The actual energy consumption for a specific application will depend on the building, the local climate and the indoor temperature)	2
The Climate zone is	UK
Thermal Transmittance (U window)	1.5 W/m <sup>2</sup> .K
Solar Factor (g window)	0.50
Effective Air Leakage (L factor)	0.02 W/m <sup>2</sup> .K
Reg. No.: 4913 M209 Review Date: 12/2015 Please visit <a href="http://www.bfrc.org">www.bfrc.org</a> to check the validity of this licence.	
<small>This label is not a statutory requirement. It is a voluntary label provided as a customer service to allow customers to make informed decisions on the energy performance of competing products.</small>	

Today's window designers have far more challenges than previous generations. Not only do they need to design windows to withstand the elements, but they have to consider the environmental impact too.

Our windows are not only lead-free, but also carry an A energy rating as standard, with Low-E double glazed units to keep the heat in, and help reduce your heating bills.

The windows also have brush seals around the openings for exceptional draught proofing.

Choosing PVC-U is an environmentally friendly choice, as the majority of end of life PVC-U windows can be recycled over and over again to produce new windows.

By purchasing our vertical sliding sash windows you are not only keeping your home warm all year round and reducing your heating bills, but also helping the environment.

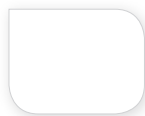
# Finishing touches

## A choice of colours, hardware and styles

Every window we manufacture is made to order. Every home and personal taste is different so we can offer you a wide range of styles, colours and hardware to ensure that your new window will suit your property perfectly.

Our vertical sliding sash windows are available in the colours below. The foiled finishes bring windows to life with a glossy, freshly painted, realistic wood effect, a grained wooden finish that never needs painting! You also have the option to have your windows White on the inside and foiled on the outside.

### Solid colours



White

### Woodgrain collection



Cherrywood



Golden Oak



Cherrywood  
on White



Golden Oak  
on White

### Bespoke Colouring

We can offer any colour using our paint plant.

The colours shown are designed as a guide only, before making your final decision, please ensure you have seen a foil swatch.

\*Extended lead time applicable on some Artisan colours, contact us for details.

Colour information correct at the time of printing but subject to change.

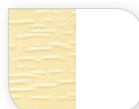
### Artisan woodgrain collection



Woodgrain White



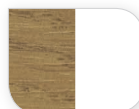
Cream



Cream on White



Irish Oak\*



Irish Oak on White\*



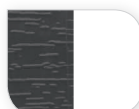
Chartwell Green\*



Chartwell Green  
on White\*



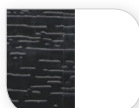
Grey\*



Grey on White\*



Black/Brown\*



Black/Brown  
on White\*

Every window  
we manufacture  
is made to order

High quality balance weights and hardware are fixed to integral reinforcements for reliable and smooth opening time after time. Hardware is available in White, Gold, Chrome and Satin Chrome.



White pole eye



Gold sash lift



Chrome tilt knob



Satin Chrome lock



Sash Restrictors



Quick Release Hinges

To achieve a traditional look without the need for individual units of glass, our vertical sliding sash windows offer a choice of internal/external glazing bars. Run through sash horns provide another decorative option for a truly authentic look.



Astragal bars  
(applied to external  
glass surface)



Georgian bars  
(fitted between  
panes of glass)



Run through sash  
horns



Standard sash horns



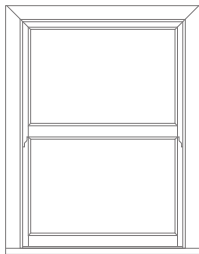
Deep Bottom Rail



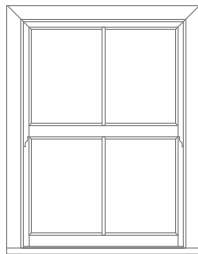
## Styles and shapes

### Windows to suit every home

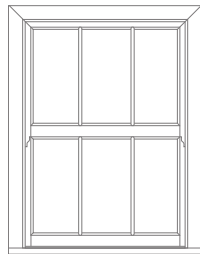
Our vertical sliding sash windows can be manufactured to a style to suit your home. Here are a few examples of the bar layouts available. Our windows come with equal sized top and bottom sashes (50/50 split) as standard, however we are able to manufacture other split ratios at your request (minimum transom drop of 350mm).



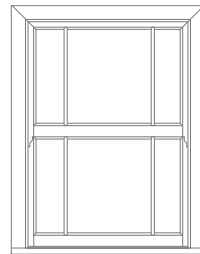
*Non-bar*



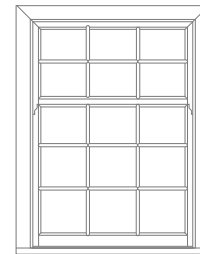
*Centre Bar*



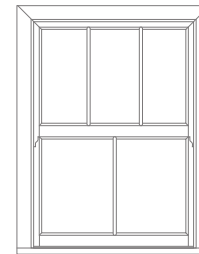
*Three Light*



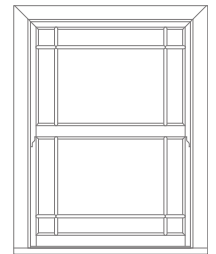
*Offset Three Light*



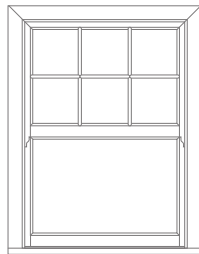
*2/5 x 3/5*



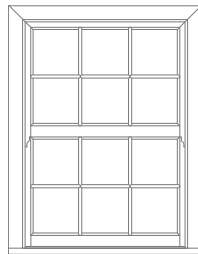
*Asymmetric*



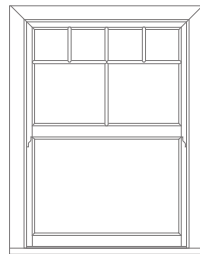
*Margin*



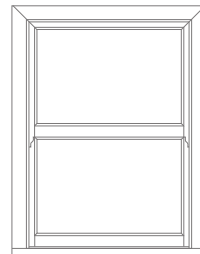
*Half Georgian*



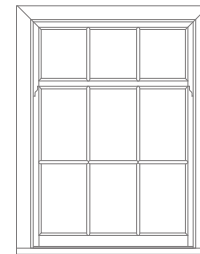
*Georgian*



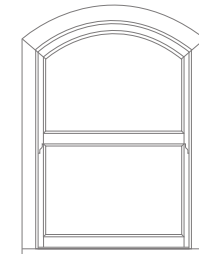
*Georgian Variant*



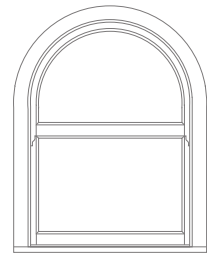
*Fire Egress A*



*1/3 x 2/3*



*Swept Head*



*True Arch*



#### **VS window sizes available:**

Min. width/height: 350mm x 750mm

Max. width/height: 1500mm x 2500mm

*\*Achieved by using constant force springs*



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