



# SASH WINDOWS



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Multi-functional, durable and visually stunning; vertical sliders are a practical and stylish addition to any home.

Vertical sliders combine the elegance and aesthetic appeal of traditional sash windows, with the benefits of modern PVCu materials.

Designed for both new-builds and replacement projects, vertical sliders will add value and character to all house types.

## About Vertical Sliders

Vertical sliders are designed to replicate the classical elegance of timber sash windows, including sliding sash openings and decorative period features, and providing excellent strength, durability and security properties.

Vertical sliders feature two sash openings; the slide facility allows for enhanced ventilation whilst still maintaining the security properties of the window, and the tilt-in facility ensures the outside of the window can be safely and easily cleaned from inside the home. For enhanced ventilation, trickle vent options are also available.

A range of authentic hardware and accessory options are fitted as standard to all vertical sliders, ensuring enhanced performance, security and aesthetic appeal.



### 'Slide' Facility

Both the top and bottom sash can be moved vertically and held in the required position. Sashes can be operated individually or simultaneously.

### 'Tilt' Facility

After the sashes have been set in the required slide position, the tilt facility can then be initiated. Both sashes will then tilt in towards the room at an angle, and can be operated individually or simultaneously.

# Vertical Sliders

## key features



## Security & Durability

Vertical sliders are manufactured from a 128mm heavy-set profile system, ensuring enhanced strength, durability and mechanical performance.

Both sashes are fitted with advanced gearing and locking systems to ensure only the highest levels of security for your home. To further enhance the safety and security properties of your vertical slider, tilt restrictors and child restrictor hinges are also available.

Manufactured from tough and durable materials, vertical sliders will retain their colour, shape and performance throughout the years. The heavy-set profile of both the frame and sash offers a sturdy and secure solution, whilst still ensuring the window can be operated quickly and with minimal effort.

For additional peace of mind, a 10 year product performance guarantee is offered on all vertical sliders.



## Energy Performance

All windows in our range are designed to meet the sustainability demands of the current climate by reducing waste energy emissions.

Vertical sliders offer maximum energy performance; multi-chambers within the frame act as a barrier against heat loss, ensuring that vertical sliders offer excellent thermal efficiency.

All glazing units feature high-performance Soft Coat glass, reflecting internal heat back into the home whilst absorbing solar energy from outside.

Vertical sliders featuring Low Iron/Soft Coat glazing units can achieve energy ratings of "A" and whole window U-values of 1.4 w/m<sup>2</sup>K; ensuring savings on home heating bills and reduced carbon emissions.

## Styles & Finishes

Each vertical slider is manufactured to bespoke size and style requirements, with a range of configuration options also available; combine 2 or more sliders together to give an impressive and eye-catching appearance, or for something a bit different, select an arched head for a gothic-style appearance.

Vertical sliders feature a sculptured profile finish, giving a curved appearance for an enhanced visual appeal. Designed to complement all house types, vertical sliders can be further personalised with authentic window furniture (including sash horns and decorative glazing bars), and a colour finish of your choosing.

Choose from classic-white or an authentic grain-effect finish including: oak, black, cream and whitegrain.



White



Oak



Black



Cream



Whitegrain



# Vertical Sliders

## decorative finishes



### Size & Style Options

Vertical sliders can be manufactured to a minimum size of 400mm x 700mm and a maximum size of 1400mm x 2400mm. A range of sash sizes and transom drop options are available. Cills are inbuilt as standard, with a continuous cill option also available for multi frame options.

### Decorative Options

For an enhanced period-style look select our high-performance decorative sash horns. Sash horns are available as a clip-on accessory or as a fully-integrated run through option. The fully-integrated sash horn is welded to the bottom of the upper sash, and provides greater strength, consistency and visual appeal.

Vertical sliders can be further personalised with the addition a Georgian or Astrical bar. Georgian bar is fitted within the glazing unit itself, and Astrical bar is affixed to the outer pane; both bars are available as a single or grid option.



Clip On Sash Horn



Run-through Sash Horn



Georgian Bar



Astrical Bar

### Furniture & Hardware

A range of traditional sash furniture options are available including: ring pulls and handles, decorative tilt latches and 'catch & keeper' style locks. Sash furniture is available in silver, gold and white.



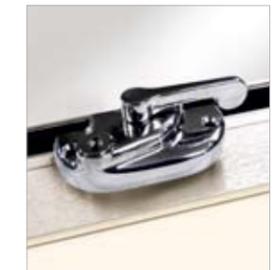
Sash lift handle



Sash lift ring-pull



Sash lift hook



Sash lock & keep



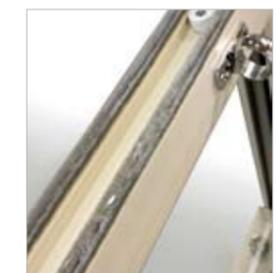
Tilt latch button



Top sash release button



Travel/child restrictor



Woolpile (grey as standard)



# SASH WINDOWS

There's no need to  
compromise on style

Whether replacing windows or  
building new, the fully sculptured  
bespoke High Security Sash  
Window is the affordable choice.



**TECHNOLOGY  
& TRADITION**

**BESPOKE**

**HIGH SECURITY  
SASH WINDOW**

# BESPOKE HIGH SECURITY SASH WINDOWS

Bespoke sash windows are A-Rated as standard with toughened safety glass. All of our High Security windows come fitted with travel restrictors, safety tilt restrictors and an anti-jemmy security bar at no additional cost.



Solid White Colour

Anti-Jemmy Security Bar - Sash Windows without a Security Bar are an easy target for burglars



Solid Cotswold Cream Colour

Energy Window

**BESPOKE PVCu Sash Window**


Over 20 years a saving of at least £11,420 for gas central heating (oil £17,130 and electricity £22,840) & a saving of 22.87 tonnes of CO<sup>2</sup> emissions and 6.24 tonnes of carbon can be achieved with Bespoke 'A' Rated windows\*

En...  
Ener...  
wind...  
appl...  
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The climate zone is:

In addition to solid White and Cotswold Cream, a selection of Woodgrain foils are available:

Foils both sides:

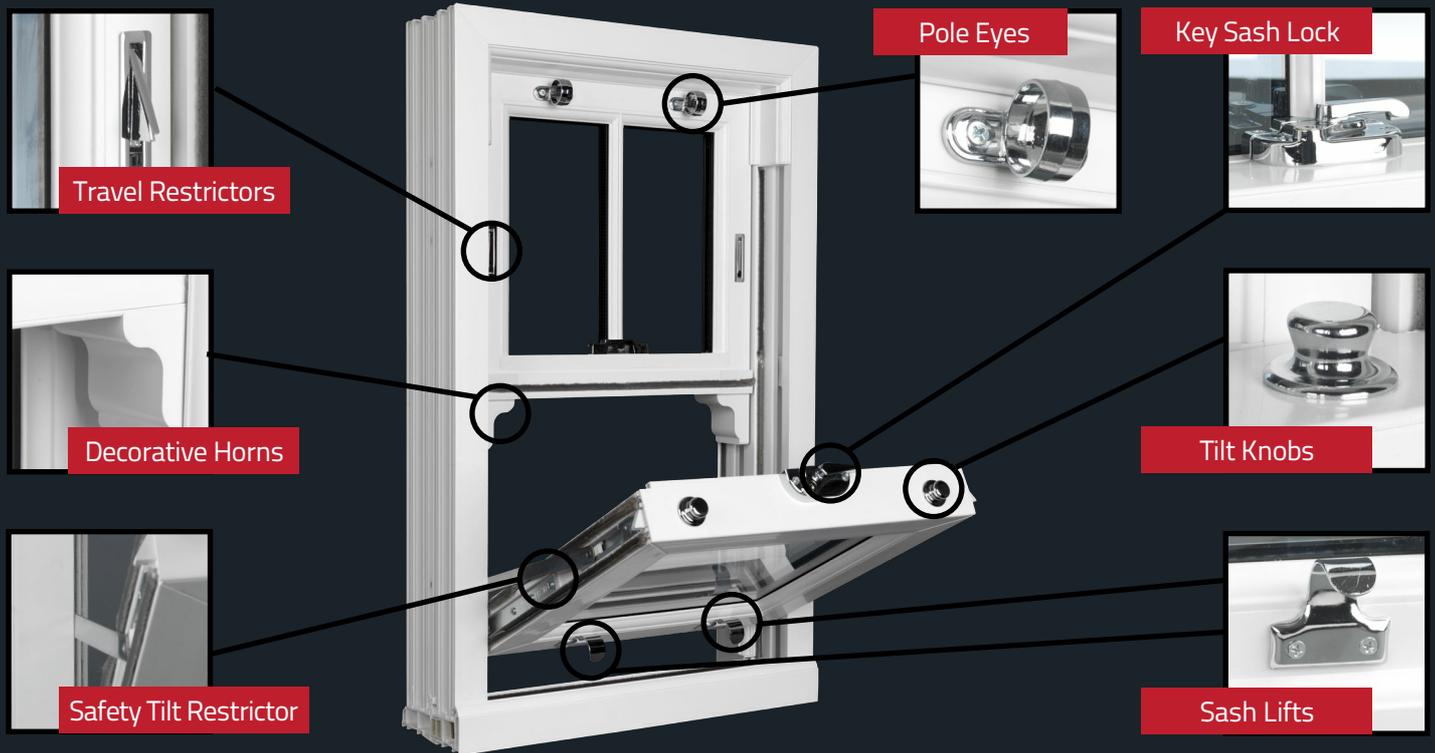
		<ol style="list-style-type: none"> <li>Whitewood</li> <li>Cream</li> <li>Light Oak</li> <li>Irish Oak</li> <li>Rosewood</li> <li>Black</li> <li>Chartwell Green</li> </ol>

Woodgrain foils outside only:


Bespoke Sash Windows use the latest technology to maintain the look of a traditional timber sash window without the problems and maintenance costs of a timber sash window. Our sash windows are guaranteed for 10 years and will not rot, flake, peel or rust. They cost much less than timber sash windows, making them the affordable choice.

find out more at [www.acornwindowsanddoors.ie](http://www.acornwindowsanddoors.ie)

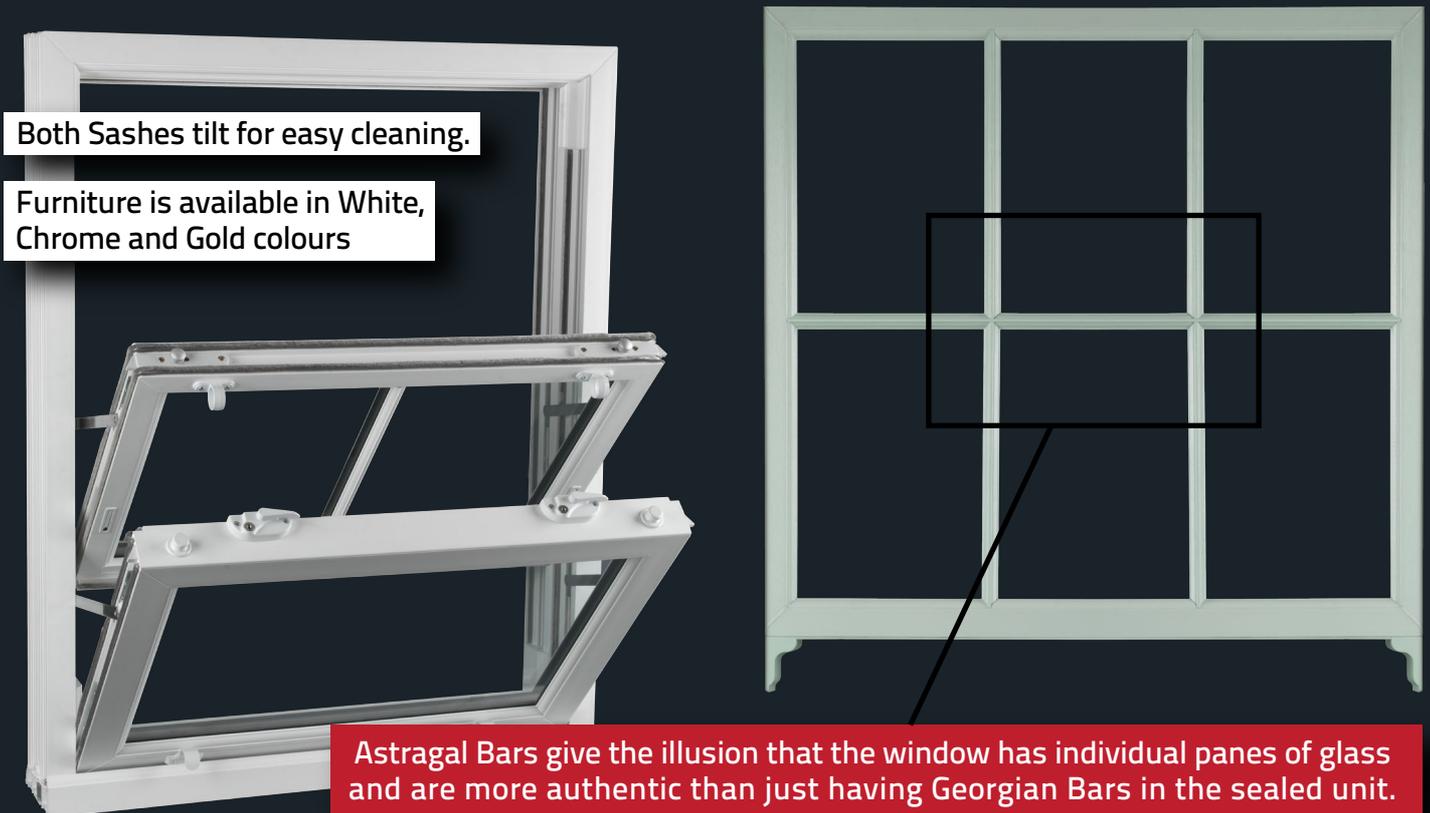
# HIGH SECURITY & CHILD SAFETY



Travel restrictors which are fitted as standard (unless not required) provide a child proof safety feature by preventing the window from being opened fully. This feature also allows the window to be left open for ventilation and still be secure whilst also providing additional security when the window is closed. Both sash windows can be cleaned from the inside with an easy to use tilt mechanism which has a safety restrictor fitted as standard and all glass is toughened for additional safety. Two sash lifts are fitted on the bottom sash and two pole eyes located on the top sash which allow easy opening and closing.

Both Sashes tilt for easy cleaning.

Furniture is available in White, Chrome and Gold colours





*\*Figures for savings on fuel have been taken from the Carbon Calculator developed by the GGF and the calculations have been verified by The Energy Savings Trust - homeowners can access the Carbon Calculator by going to [www.ggf.co.uk](http://www.ggf.co.uk). Figures quoted are for replacing single glazing in a detached house with 23sq mt of glass and heated by gas with a fuel inflation rate of 9% - oil central heating would increase savings by an additional 50% and electric heating on a day tariff would double the saving.*