VERTICAL SLIDER



AUTHENTIC STYLE. OUTSTANDING PERFORMANCE.

Vertical **sliding sash windows**

The attention to detail is evident at every level.

The system delivers a true authentic appearance that perfectly replicates a timber box sash window. Available in a choice of welded and mechanically jointed frames.

It's maintained its status as the market leader because it delivers true sash window authenticity at every level. It's an evolution of a classic design into a window that achieves today's performance standards. Its appearance is stunning making it perfect for heritage projects as well as modern buildings.







Take a closer look

We'd like you to take a good look at our vertical slider. When we say we've improved on a classic design, we mean it. These windows have the traditional looks but none of the problems. For homeowners seeking to replace worn, tired and draughty sash windows they're a superb choice.

Period style, authentic detail

The vertical slider combines perfect proportions, period details and traditional techniques. Both frames and sashes can be mechanically jointed, avoiding the 'giveaway' mitred weld of PVC-U. Sash horns are part of the sash, not an afterthought. Georgian bars are milled for a superb fit. Deep bottom rails and a choice of sashes give impeccable sightlines. Traditional box-sash dimensions, hardware and glorious period colours – it's enough to melt the heart of the toughest planning officer.

Conservation and planning

We've worked hard to get every detail of our vertical sliders perfect because we know that in the past, planning authorities haven't been keen on PVC-U for heritage properties and those in conservation areas.

We believe in replicating the traditional looks and enhancing window performance, and we're happy to say that more and more planning authorities agree. Often, they only need to learn more about the vertical slider to be convinced.

Our windows can be fully mechanically jointed, achieving the appearance of a timber frame's construction. Foiled finishes give the option of textures and period colours – the appearance has been nailed. Add to that our durability, security and energy efficiency and you've got a very persuasive argument.







Everything **you need to know**

Thermal performance

- WER up to Band A+
- U-value from 1.0W/m2K to 1.4W/m2K
- Thermal inserts using recycled composite materials
- 24mm double glazing as standard

Materials

- Low maintenance PVC-U
- Flush, post-co-extruded gaskets
- Steel and aluminium reinforcements

Features

- Authentic ovolo styling throughout
- Internally glazed
- Pile seals to sash and outer frame
- Reliable spiral balance mechanisms for easy operation
- Tilt restrictors to both sashes for frames with same colour on both sides
- Tilt restrictors to bottom sash only when colour on outside and white inside
- Dedicated ancillaries, end caps and cills

Options

- A wide range of colours
- Accommodates trickle or glazed-in vents
- Large and small sash profiles
- Run through or screw on sash horns
- Easy fit weather bar
- Travel stops for child safety
- Georgian bars

Dimensions

- 128mm outer frame – matches box sash dimensions
- Maximum sizes are up to 1500mm wide and 3000mm high














Performance and **lasting protection**

The vertical slider is engineered to insulate and keep homes protected from the elements.

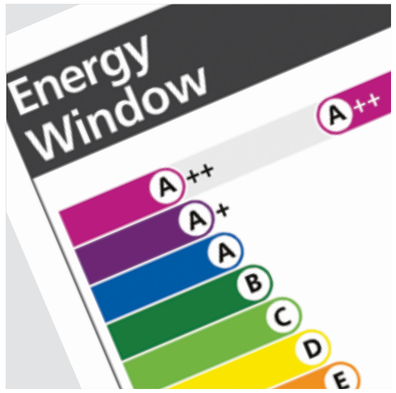
24mm double glazing is standard, and for exceptional energy efficiency, the multi-chambered sections can be enhanced with the addition of purpose-made recycled thermal inserts.

Pile seals to the sash and outerframe prevent the draughts that are common with timber frames and features like our optional, dedicated weather bar add another level of defence against rainwater. These frames are durable, tough, resistant to the forces of nature and need next to no maintenance.

Window Energy Ratings and U-values*

U-values from 1.0W/m2K to 1.4W/m2K
WER up to Band A+

* Performance will vary depending upon window dimensions, configuration and IGU construction.





Quality Assured

The market-leading status of the Spectus vertical slider is no accident. It's simply a better system where every detail works.

- Kitemarked to BS EN 12608 and PAS 24
- Profile extruded in the UK under a secured accredited quality management system
- Designed to achieve Secured by Design accreditation
- Compliant with all relevant Building Regulations

bsi. ISO 9001 Quality Management | ISO 14001 Environmental Management | OHSAS 18001 Occupational Health and Safety Management

FM 01034 EMS 86980 OHS 573634

BES 6001 Responsible Sourcing
www.greenbooklive.com

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Support

Frames Direct expertise extends far beyond the design of great windows. If you need technical, marketing or commercial project support, we'll be there.

With a wide range of period and contemporary coloured finishes and options to suit almost any property, even those where planning considerations are paramount, there's a wealth of opportunity for your business.

Homeowners are looking for the right sash window.

This is it.









Window operation and aftercare

Unlocking, opening and closing

Vertical sliders are secured using snail cam(s) fitted to the top face of the bottom sash. Simply turn the lever or the key to release the cam from its keep.

Use the sash lifts or pull rings fitted to the sashes to slide the bottom sash upwards or the top sash downwards. Avoid pulling on any Georgian bars fitted to the window.

To close, simply slide both sashes fully closed and re-engage the snail cam(s).

Safety restrictors

When sprung outwards, they prevent sashes opening more than a set amount. Turning the key retracts and secures the stops allowing the sashes to slide past and open fully.

Ventilation

Trickle ventilation units have a slide-open-and-closed operation. Take care not to damage the unit when sliding the bottom sash up.













Tilt-open facility

This feature is available on both sashes for windows that have the same colour on both sides of the frame. For frames with a colour on the outside and white on the inside, only the bottom sash will have a restrictor.

To prevent any damage to the window's restrictors, it's important to do things in the right order.

1. Make sure that the snail cams are unlocked and in the open position.
2. Use the sash hooks or sash lifts to slide the bottom sash upwards by about 100mm.
3. Now, slide both the tilt catches inwards (that's towards each other) this will release the top of the sash.
4. Pull the top of the window towards you while supporting its weight, until it rests on its restrictors.
5. Slide down the top sash, again by about 100mm using the ring pulls or sash lifts.
6. Slide the tilt catches inwards to release.
7. Pull the top of the sash towards you, again supporting its weight until it rests on its restrictors.
8. To close, reverse the steps above. You will hear the tilt catches spring back into position. Once they are in place, the top and bottom sashes can be slid up and down again.

Cleaning and maintenance

- All parts of the windows that are exposed when they are closed should be washed using soapy water. Use a soft cloth and dry them afterwards. Don't use anything abrasive.
- Any parts of the window that are exposed when the windows are open should be wiped clean to remove any grit, debris and grime.
- Make sure that any drainage channels are clear.
- Remove any debris from the pile sealant (a vacuum cleaner with a nozzle works great).
- Lubricate the sliding mechanism with a bit of multi purpose grease.
- Apply a little light machine oil to the hardware.

VERTICAL SLIDER

If you require any further help or assistance please contact your dedicated supplier below:

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