



Classic

uPVC Box Sash Windows



Spectus[®]
WINDOW SYSTEMS



Period Style With a Twist

Our Classic uPVC Box Sash Windows combine the beauty of traditional design with modern materials and manufacturing techniques. These windows are premium products much sought after for both high-end new build and refurbishment projects.

Special features of the window include near-invisible joints, graceful run-through sash horns and a traditional curve shaped outer frame.

Homeowners increasingly choose this window for its elegance, style and ease of operation. Great weather performance is a given and with a superb range of frame colours, combined with stunning handles and fittings these windows should be considered works of art.



Contents

Attention to Detail	Page 3
Enviromental Design.....	Page 4
Keeping your home safe.....	Page 5
Luxury Features of the Classic Window.....	Page 7
Hardware	Page 10
Colour Options	Page 11
Obscure Glass.....	Page 11
Intimate Design Detail.....	Page 12
Technical Information	Page 13

Attention to Detail

Every element of these stunning windows has been designed to add Victorian period character and style.

Our Box Sash Windows not only look amazing, the profile sections have been carefully designed to ensure that the levels of thermal and weather resistance performance are exceptional



Planning and Conservation

Planning conditions can be very strict, so it's best to check with local planners before you order any windows. In most areas of the country, uPVC sash windows are accepted by the planners who now recognise the obvious benefits of uPVC over timber; no rotting, no swelling, no draughts, no painting every two years and almost zero maintenance.



Environmental Design

Most of us are more concerned than ever about our environmental footprint. When conceiving this window, thermal performance was uppermost in our designers' minds. Heating a property is expensive and its vital to eliminate drafts but we also recognise that our windows must provide easy to operate functional ventilation. Box Sash Windows offer the optimum air flow of virtually any window design.



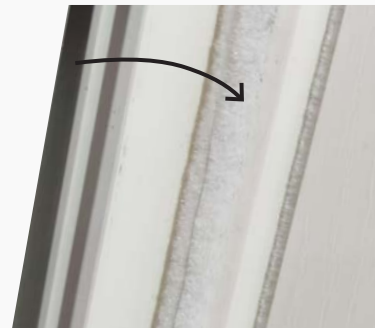
Thermal Properties

Our Classic outer frames and sashes are multichambered and the trapped air inside these profiles provides excellent insulation. Our windows can be supplied with Argon Gas filled double glazed units, which enables us to offer an outstanding 'A' level energy rating.

As standard, our Box Sash Windows achieve an energy rating of 'B' with a thermal u-value of 1.6 W/m²k. The lower the u-value of a window, the slower the heat is able to transmit through it, and the better the window performs as an insulator.

Colour Coded Weatherseal

Classic Box Sash Windows feature colour coded woolpile seals all around the window. This woolpile is vital in keeping the British weather out. We specify a thin sleeve of plastic in the middle of the pile, which helps prevent friction when opening sashes vertically. It is small but important features like this that set our windows apart.



Recycling

We are proud to say that uPVC can be recycled many times over, without any deterioration in performance. So, selecting a Classic Box Sash Window is an environmentally friendly choice, as most of our windows will be recycled one day, many years from now.

By choosing our Classic Box Sash Windows you will keep your home warm and safe all year round and reduce your heating bills.

Keeping your home safe

Our Classic Box Sash Windows feature advanced levels of security but we have kept the opening, closing and locking operations very simple. These practical windows can be fitted with a number of safety features. The sashes are secured in the locked position using a cam catch which is securely screwed into the top face of the lower sash. You can choose a key-locking or non-locking cam catch.

Our traditional sash window is backed up by an impressive list of accreditations:

- Kitemarked to BS EN 12608 and PAS 24
- Manufactured in the UK
- Secured by Design accredited
- Compliant with Building Regulations
- 10-year manufacturing guarantee



PAS24 Security

We offer you the option of upgrading the security of your Box Sash by specifying PAS 24:2016 and a Secured by Design security package. PAS24:2016 is usually mandatory on new-build projects. Please note that this upgrade is not standard and must be requested as part of the window specification. The upgrade includes:



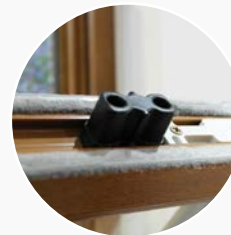
Reinforced
Tilt Latches



High Specification
Cam Catch Receiver



High Specification
Cam Catches



Top Sash
Security Blocks



Luxury Features of the Classic Window

Our Classic window design provides you with best of all worlds; timeless aesthetic elegance combined with modern materials and manufacturing techniques that keep your home safe and warm. The beauty of this window is that it can be styled to look good on a Victorian terraced property or on a contemporary new build. We allow you the freedom to choose from a range of styles, features and furniture options, to design a window unique to your taste.

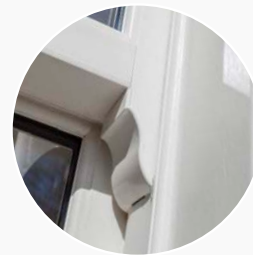


Slide & Tilt

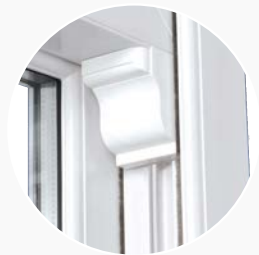
Classic windows always feature a slide and tilt facility, allowing you to clean both the top and bottom sash from inside your home.*

Period Style Sash Horns

Enhance your window by choosing either run-through or plant-on sash horns. The run-through horn is mechanically jointed rather than welded to achieve a more authentic look as it appears to be a continuous element of the top sash. The plant-on horn is a sculptured moulding that is fixed to the underside of the top sash.



Run-through



Plant-on



Mechanical Joints

If you are looking for a premium finish, our fully mechanically jointed Classic Box Sash Window is designed to almost exactly replicate Victorian timber windows. Every joint is hand screwed together by our Joiners, rather than being fusion welded.

Seamless Welds

This revolutionary process disguises the external 45-degree corner welds with a flush mitre, providing a far superior aesthetic finish than conventional uPVC welded frames. This finish is only available on woodgrain windows; minimum window size of 475mm wide x 900mm high.



Georgian Astragal Bars

You can customise your Box Sash Window by including astragal bars, in many combinations. These bars are securely fixed to both sides of the glazed unit and are complimented by back to back spacer bars inside the double-glazed unit.

This confirms a true period finish.

*Please note: on windows with a woodgrain finish externally and smooth finish internally we are not able to offer top sash tilt facility.



Deep Bottom Rail

Choose a deep bottom rail if you want your sliding sash windows to look as close to the original timber version as possible.

The larger bottom rail sash convincingly mimics the timber sash windows of old. The deep bottom rail is available with welded or mechanical joints.





Hardware

Fixtures and Fittings

Travel Restrictors limit the opening of the top and bottom sashes to approximately 100mm (4 inches). They are primarily specified as a safety feature in locations where opening restrictions are needed or for households with young children or animals. The magnetic mechanism can be manipulated from inside your home to allow for a full opening of the window.



Sash Pull

All our Classic uPVC Sliding Sash Windows are supplied with either one or two sash pulls as standard, depending on window size. They are usually fitted on the inside of the bottom sash to allow easy upward opening.

D-Handle

The D handle is designed to be fitted to the underside of the top sash on the outside of the window to assist with the opening and closing of the window. Alternatively, you can request the D handle to be fitted to the inside top sash.



Pole Eye

This ring is designed to be fitted to the top rail, of the top sash. The pole ring is designed to allow you use a long pole with a hook (not supplied) to operate any windows that are positioned too high to operate by hand.

Locking System

Our Heritage cam catch locking system secures the sash window shut, by fastening the meeting rails together



Sash Release Button

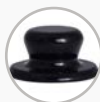
This button is used to open and tilt the sashes for easy cleaning of the outside frame and glass from inside your home.

Furniture Colours

Our furniture is available in eight different finishes. Please note that our travel restrictors are only available in white, chrome, gold and satin chrome.



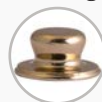
White



Black



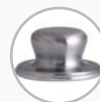
Chrome



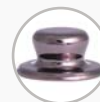
Gold



Satin Chrome



Graphite



Bronze



Antique Black

Colour Options

Our Classic Box Sash Windows are available in 12 standard colours. By choosing a wood-effect grained foiled finish you can bring your windows to life with a glossy, freshly painted, realistic timber-like look.



Bespoke Colour Bonding

If you are looking to really personalise your new windows, we offer a bespoke colour bonding service in which you can choose from over 1000 colours, in either a smooth or woodgrain finish. Some of our most popular RAL colours are shown below. Please note that lighter and darker shades are available and we are always happy to help you find the perfect colour to suit your home.



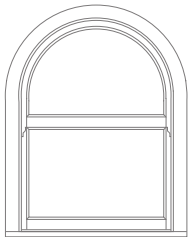
Obscure Glass

Obscure glass is typically used in bathrooms, shower rooms and other privacy areas. Our Classic windows can be specified with a variety of different glass patterns and obscurity levels to suit your needs.



Intimate Design Detail

You can design the perfect window style for your home or property. Our Classic Box Sash Windows are very adaptable and below you will find examples of the different Georgian bar layouts available. Our windows are supplied as standard with equal size top and bottom sashes, we call it a 50/50 split. We can manufacture other split ratios, with a minimum transom drop of 350mm.



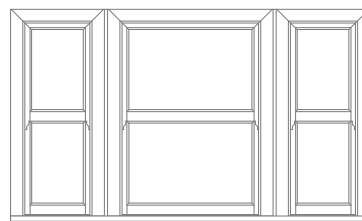
True Arch*

Seamless True Arch

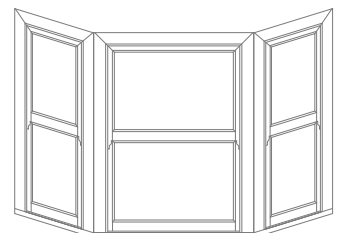
The sections our uPVC Box Sash Windows are very substantial. To bend or shape them we have invested in CNC controlled equipment to allow us to achieve that perfect bend or arch. We provide a true arched window with no welded joints in the frame.

Coupled & Bay Windows

Coupled and Bay Windows are both very popular for large openings as they can open up your living space and bring in natural light. They are often required in replacement situations too of course.



Coupled Windows



Bay Windows

*Please note that on swept heads and arched frames the top sash will always be fixed.

Technical Information

Our technical information section covers manufacturing limitations and detailed technical drawings. To most people the technical drawings don't make much sense, so if you have any questions our product experts will be more than happy to explain in more detail.

Technical Specifications

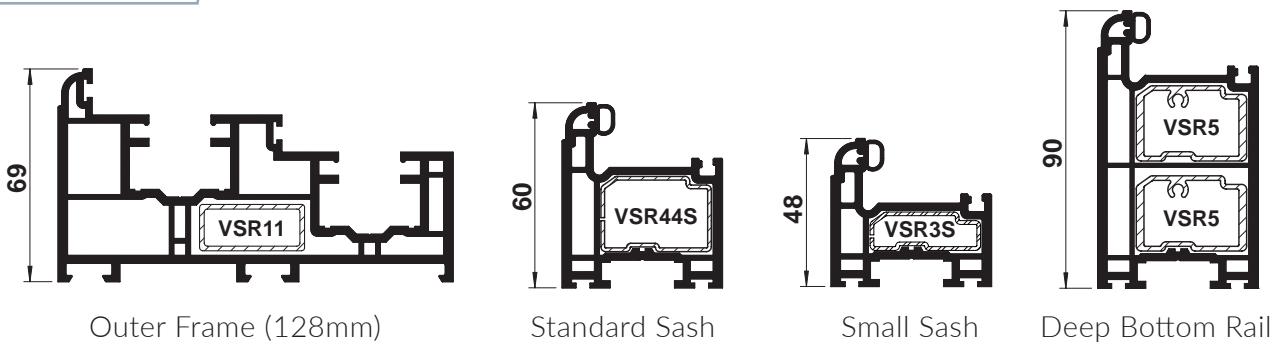
Front to back dimensions: 128mm
Glazing units: 24mm double glazed
U-value: 1.4W/m²K - 1.6W/m²K

Manufacturing Limitations

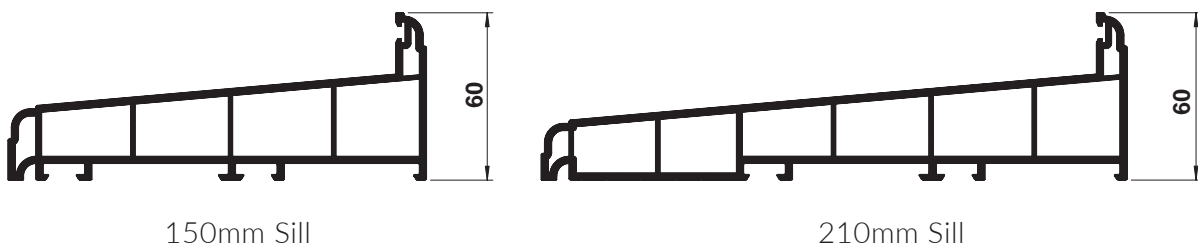
Minimum width: 360mm
Maximum width: 1500mm
Minimum height: 750mm
Maximum height: 2350mm

Technical Drawings

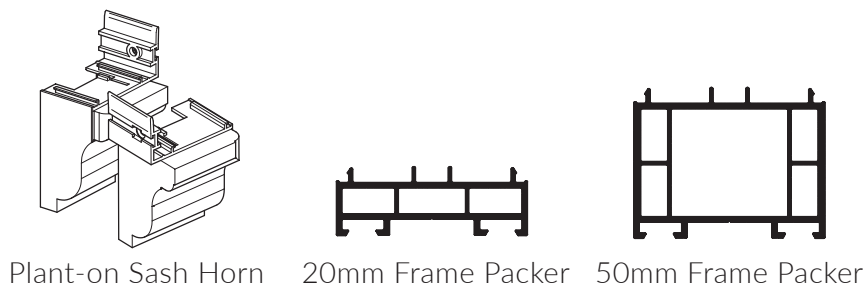
Main Profiles



Sills



Ancillaries



Please note that some slide and tilt restrictions may apply on very large/small and bespoke shaped windows.



The images, drawings and data shown in this brochure are for illustrative purposes only and are not binding in detail, colour or specification. We reserve the right to make changes to the product specification as technical developments dictate and without prior notice.



PVCU@KATUK.CO.UK
8756-V4-0419

WWW.KATUK.CO.UK

TEL: 01625 439 666

