

UNIVERSALSASHWINDOWS

VERTICAL SLIDING WINDOWS

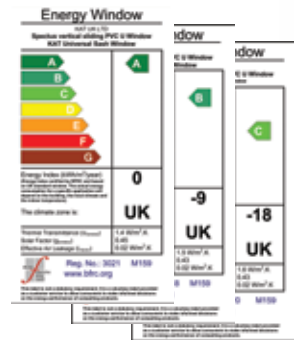


Slim 128mm outer frame in low maintenance PVCu

Optional opening restrictor for extra safety and ventilation



KAT Sash Windows are all double glazed with 24mm low 'E' glass as standard for excellent thermal efficiency and are 'C' rated as standard



'A' & 'B' rated windows available as an optional extra

Arched head and shaped sash windows also available

Optional decorative sash horns available ('plant on' only)

Universal Sash Windows can be manufactured compliant with Building Regulations Part L, N, F and B

Deep bottom rail option available for period look

Sashes can be removed for ease of installation with special 'quick release' fixings

Trickle vent option through top sash

2 Georgian bar widths available either as authentic (face-fixed) or glazed-in

Bespoke balance mechanisms for every window ensure smooth, easy operation

Hardware available in white, gold, or chrome: thumb turn or key locking catches

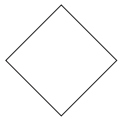
Universal sash windows are available with BS7950 Enhanced Security hardware as an optional extra.



Optional tilt-open facility to both sashes for ease of cleaning

Universal Colours

White



White Grain Foil



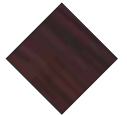
Cream Grain Foil



Oak Foil



Rosewood Foil



Oak and Rosewood foils are available as foiled both sides and are also available with the internal face in plain white PVCu

Note: colours shown are representative only

Other colours and a Universal range of special foiled or painted finishes are now available, please ask for details



150mm integral cill as standard base of outerframe - 210mm cill option available



KAT UK, Unit 1 Queens Avenue, Macclesfield, Cheshire, SK10 2BN
 T: 01625 439 666 (option 2) F: 01625 412 559 E: vs@katuk.co.uk W: www.katuk.co.uk



UNIVERSAL FIRE EGRESS WINDOWS



KAT UK offer a solution for when it is not possible to achieve a fire egress compliant opening with a standard sliding sash window.

The 'Universal Side Hinged Fire Escape' is the perfect solution for smaller windows or those that need an uneven transom split, for aesthetic reasons or to match existing windows.*

The side hinged system allows both sashes to easily open into the room giving an escape opening that is nearly the whole frame size!

All of KAT UK's optional extras and glazing options (except for 'easy clean' tilt facility) are available on our specialist 'Universal Side Hinged Fire Escape' sash windows.

British Board of Agrément (BBA) tested pre tensioned balances ensure a smooth sliding operation is retained on both sashes.

* Constraints do apply, please contact KAT to confirm manufacture and compliancy of windows. Sashes under 300mm will be hand finished.

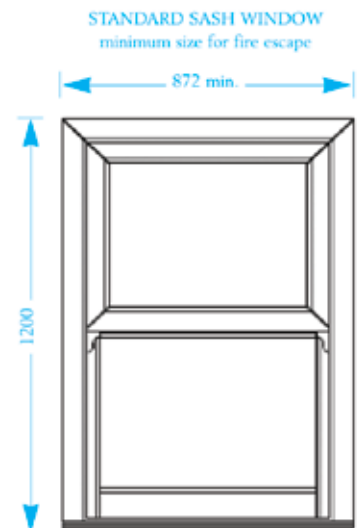
Achieving fire egress

compliant openings with other sash windows can be difficult. Due to the nature of their design and operation the opening is typically less than 50% of the frame size.

UK building regulations state that a fire egress compliant window must have a clear opening that is at least 450mm in width and at least 450mm in height and must also give a clear opening area of 0.33m².

With a standard Universal sash window this can be achieved with equally split frames at 1200mm high** that are a minimum of 872mm wide, smaller frames will require side hinged facility.

** The next height increment that meets egress requirements is 1300mm or above, frames between 1200mm and 1300mm will not achieve this egress opening.



Opening Restrictors (child safety) can only be fitted to the non-hinged side of a Universal Side Hinged Fire Egress Sash Window.



The discreet hinges can be solid colour matched to any of our foiled sash window options. Frames are hinged on the right as standard (viewed internally) but can be made to open either way - please confirm on your order.



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