

Sliding Sash Semi-Circular Feature Window



A range of Semi-Circular top light windows are available to create a distinctive design when combined with a sliding sash window. These are supplied without a sill for site coupling to the sliding sash window

Hardware For Sliding Sash Windows

Fitch Catch

If you require a non-locking fitch catch to suit fire escape this is available to order.

Sash Fitch Catch

Each Window is fitted with a Key-Lockable fitch catch as standard – in gold, chrome or white effect.

Sash Lifts

Sash lifts are fitted as standard. The finish applied matches the fitch catch.

Opening Sash Safety Restrictors

Opening sash restrictors are available to order as an option. They restrict the vertical travel of the bottom sash.

Tilt Facility

All Opening Sliding Sashes can be tilted inwards to make cleaning or painting easier. This is a simple operation, by releasing the two catches on the upper surface of the top rail of each sash and tilting the sashes inwards.

Sash Balances

Fully adjustable spiral balances are fitted to all sliding sashes, these are preset to support the weight of the sash and the double glazed unit. Minor adjustments may be needed for optimum ease of operation after installation. Full instructions and an adjustment key are supplied with each window.



Gold Fitch Catch



White Fitch Catch



Chrome Fitch Catch



Gold Sash Lift



White Sash Lift

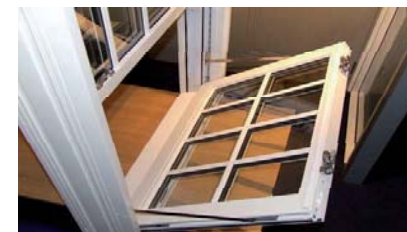


Chrome Sash Lift



Sliding Sash with Spiral Balance

Both top & bottom sashes are openable and can be cleaned independently by releasing the catches at the top of each sash there by allowing the sash to open into the room to facilitate cleaning



Architectural Doors & Windows Ltd, 9 South Wardpark Place, Wardpark South, Cumbernauld, G67 3HX, Tel :01236 780022 Fax:01236 780021 e-mail: info@adwlimited.co.uk

ADW Ltd, 9 South Wardpark Place, Wardpark South, Cumbernauld, G67 3HX
Tel : 01236 780022, Fax : 01236 780021, e-mail Info@adwlimited.co.uk

Sliding Sash

Modern Design, Traditional Appeal

Our sliding sash windows combine an authentic period feel with all the practical benefits of modern windows designed to enhance any development. The style of the window is specified to match local architectural style and planning requirements.

This unique range of timber windows features stepped sashes for improved performance, yet retains traditional sight lines. Both sashes have the feature of tilting inwards for easy cleaning and maintenance ideal in the social housing market. All our top sashes have traditional 'horns' as standard, however, a no-horn option is available.

Also available as Secured by Design, benefiting from enhanced security hardware.

Sliding Sash design:

- Chain of Custody certified sustainable timber
- FSC frame and sash
- PVC-U jamb-liners in white or brown
- Fully adjustable spiral balances
- Base coat stain or prime with factory finished paint or stain options
- 24mm – 28mm insulated glazing unit capability, with different gas filled options dependent on whole window U value required
- Sash fitch catches and lifts fitted
- Trickle ventilation
- Sashes tilt inwards
- Ironmongery available in white, polished gold effect and chrome effect
- Secured by Design available
- Energy rated option

Window sections:

- Frame head 54mm x 168mm
- Frame jambs 65mm x 168mm
- Sash rails
 - top sash rail 52mm
 - meeting rail 44mm
 - bottom rail 79mm

Range designs:

- Non bar
- Victorian bar
- Marginal bar
- Vertical bar

Nominal restrictions:

Minimum width	389mm
Maximum width	1500mm
Minimum height	750mm
Maximum height	2100mm

The maximum size of a sash can be increased, as long as the window does not need to tilt as additional battons are fitted.

Traditional True Divided Light Windows

To meet the requirements of a True Divided Light design, the traditional timber glazing bar and fully-beaded option is still available, fully factory-glazed for all on-site advantages of convenience and reliability.

Important

If jamb, ventilator, fitch catch, and finish colours are not specified, the windows will be supplied primed with white fittings as standard.



Performance

Sliding Sash

Performance:

- U value ranging from 1.8-1.2W/m²K
- Acoustic performance rating according to BS EN 717-1:1997Rw(C,Ctr)=36(-1;-3) dB based on optimum performance
- Exposure rating of 2000Pa
- Air permeability class 2
- Achieves BS6375:Part 1:2004 Performance of windows and doors
- Achieves BS6375:Part 2:1987 Operation and strength performance
- Available tested to Secured by Design scheme standards – BS7950 certification held

Sliding Sash

This unique range of timber windows features stepped sashes for improved performance, yet retains traditional sight lines. We supply them fully-glazed with 24mm Low E insulating glass units.

Ventilation is achieved through concealed ventilator(s) in the head section. All windows have extended horns on the top sash and flush-to-frame sills as standard.

With large windows, we may supply the sashes separately – to make frame fixing and handling easier, and to reduce the risk of damage.

Ventilators

We supply all Vertical Sliding Sash windows with concealed flush-fitting ventilators as standard – in white or brown. Windows less than 488mm wide are not fitted with ventilators. 8000mm² geometric are supplied fitted on windows 860mm and wider, 4000mm² or below that size, down to 488mm wide.

A 'no vent' option is also available.

Factory glazing – Simulated Divided Light (SDL) Designs

We supply a range of sliding sash timber windows fully glazed with one 24mm insulating glass unit in each separate sash. Inside the unit, matching spacer bars define the sight lines, and slim glazing bars are permanently bonded to both outer faces. A centre pane U value of 1.4W/m²K achieves a whole window thermal transmittance of 1.8W/m²K. Other energy efficient glazing specifications are available on request.

All windows have glazing rebates of 18 x 42mm and are fully glazed with a drained and vented glazing system. We fit timber glazing beads as standard.

For windows more than 1350mm in height, we supply low level glazing units as tempered safety glass to satisfy BS 6262: Part 4: 1994.

Low E annealed toughened glass, plain or obscure and other options are also available to order.

Unglazed Windows

Non bar and Traditional True Divided Light windows are available unglazed to special order only. I

Weatherstripping performance

Weatherstrips are fitted to the top rail of the top sash, bottom rail of the bottom sash, and the meeting rails. Vertical pile weatherstrips are fitted to both jambs and sashes.

These strips are designed to provide an increased weather-resistance rating and to limit the lateral movement of the sashes.

Energy Rated Range

Fully glazed sliding sash windows are now available in three ranges:

Vertical Sliding Sash Ultra B

Vertical Sliding Sash Ultra C

Vertical Sliding Sash Secure C (with a laminated glass unit)

Tables Guide and Sizes

Sliding Sash

Simulated Divided Light Windows with 24mm Low E Glazing

SG Softwood fully glazed window with 24mm Low E insulating glass units base coat primed.

SFF Softwood factory finished.

Sizes

To allow a brick co-ordinating tolerance, actual size of frames shown in this section are 5mm less in height and width than those shown in the illustrations

Windows are manufactured fully glazed with one insulating glass unit in each separate sash. Inside the insulating glass unit matching spacer bars define the sight lines. Externally a slim glazing bar

is permanently bonded to the outer face of the insulating glass unit, with a similar bar to the room side of the unit.

U values for factory-glazed SDL sliding sash windows are 1.8W/m²K.

Note: Non Bar and Traditional True Divided Light windows are available unglazed to special order only. Please ask for details.

Made to order – non-standard and special sizes

We offer a made-to-measure service for sliding sash windows. Traditional imperial sizes, special bar configurations and unusual replacement sizes are available to order

Fixed Sashes

Three light wide (Venetian) windows, 1670mm and 1895mm wide, normally have fixed outer sashes – but we can supply them with sliding sashes if required.

Fire Escape window sizes

To meet the requirements of Building Regulations Approved Document 'B' 2000, there must be escape routes from habitable rooms in many situations. Windows 860mm wide x 1200mm high, or larger, are suitable for use as Fire Egress windows. Please state on your order which windows are required for fire escape.

Explaining Window Codes

WINDOW TYPE	WIDTHS	HEIGHTS	STYLE CODE
LETVS = Sliding Sash non bar or traditional bar	04 = 410mm 06 = 635mm 08 = 860mm	10 = 1050mm 12 = 1200mm 13 = 1350mm	MB = Marginal bar VB = Vertical bar KB = Victorian bar
LESVS = Sliding Sash simulated divided lights	10 = 1085mm 16 = 1670mm 17 = 1715mm 18 = 1895mm	15 = 1500mm 16 = 1650mm 18 = 1800mm 21 = 2100mm	B = All bar