

# FLUSH CASEMENT



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# Flush Casement Window System

Flush casement windows offer a contemporary bevelled appearance on the outside with bevelled or sculptured options for the inside. We believe our flush casement is the best on the market far surpassing others in terms of authentic design and energy efficiency.

Every detail is thought of from the ancillaries, trims, to the finishing details such as dummy sashes for perfect balance, deep bottom rails and the option of mechanical jointing. In the past PVC-U windows have not been favourable due to their bulky appearance; however this new design is virtually indistinguishable from timber.

Flush Casement Windows offer the beauty and character of traditional casement windows but with added features designed for the 21st Century. These advanced windows are produced from PVC-U to the highest standards, and unlike traditional timber frames, provide an exceptional level of security and energy efficiency.

Flush casement windows offer the perfect solution for planners in areas protected by conservation orders looking for a flush 'sash' casement that replicates the 19th century timber window design, whilst offering modern features and benefits. The flush casement window from Profile 22 is an ideal choice for older properties with character and heritage to preserve. The simple lines and proportions also mean it has masses of potential even in more modern buildings.

- Ultra modern properties
- Period properties
- Farm cottages
- Traditional pubs and restaurants
- Historic churches
- Village houses
- Barn conversions
- Unusual contemporary buildings.

## BIM

Building Information Modelling is both maturing and advancing. Originally viewed by many as 3-D representation, BIM platforms now embrace dimensions such as time and cost and have the capacity to revolutionise collaboration and project outcomes. Our contribution – BIM Objects for our systems – ensures there's transparency on standards and processes, supporting the venture and its team in decision making and ensuring that digital information is complete and accessible to all project stakeholders.

You will find the BIM Object relating to the Vertical Sliding system on our website.

**bimstore**

## RIBA Product Selector

RIBA's resource is freely available and allows you to access our literature and other information about Profile 22. The RIBA website also links through to NBS Plus, the preferred specification system for the construction industry. Here Profile 22 window systems can be instantly added into a project specification by a designer, architect or contractor.

[www.ribaproductselector.com](http://www.ribaproductselector.com)

RIBA 







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## Features and benefits

- Energy saving – standard window achieves A+ WER, deep bottom rail option is A-rated
- Flush externally with sculptured or chamfered shape internally
- Authentic period proportions
- No external overlap of frame
- Max sash dimension top hung 1210mm x 1210mm
- Max sash dimension side hung 710mm x 1310mm
- 24, 28 or 32mm glazing\*
- Accommodates triple-glazed units
- 28 colours, plus dual coloured options
- Traditionally styled hardware
- Reduced carbon footprint – produced from sustainable sources and recycled materials BES:6001
- Optional astragal bars
- Optional mechanical jointing
- Kitemarked to BS EN 12608 and PAS24 compliant
- Surpasses UK and EU Building Regulations
- Designed and manufactured in Great Britain.

\* Certain restrictions apply.



## Performance

This Flush Casement is one of the few systems which offers a choice of glazing and will accommodate a triple-glazed unit for extra thermal insulation. 24mm, 28mm or 32mm units can be used, but remarkably, this window can achieve a U-value of 1.2W/m<sup>2</sup>K and WER of A+ with 24mm double glazing.

The system has been weather tested to BS 6375-1:2009 as follows:

Class	Test	Pressure
Air permeability	Class 3	600Pa
Water tightness	Class 9A	600Pa
Wind Resistance	CE2400	2400Pa




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# Colour options

Profile 22 offer a comprehensive range of internal, external and base colour options to provide the best aesthetic window and door solutions for its commercial clients. With 30 colour options to choose from, and a complementary base colour enhancing the appearance of products coloured on both sides, it's one of the many reasons why Profile 22 is one of the most specified PVC-U systems for all commercial projects, from social housing to student accommodation, and new build to education and healthcare projects.

						
Cream	Claystone	Pebble Grey	Windsor	Sage Smooth		
						
			Agate Grey	Chartwell Green		
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	Irish Oak	Honey Oak Super-Matt	Light Oak	Pyrite		
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AnTeak	Swamp Oak	Rosewood	Black Brown	Flemish Gold Smooth		
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	White	Dark Red	Steel Blue	Dark Green		
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Black Ulti-Matt	Silver D Smooth	Hazy Grey Finesse	Kensington Grey	Buckingham Grey		
						
Basalt Grey Smooth	Slate Grey Finesse	Slate Grey	Anthracite Grey	Anthracite Grey Smooth		





## Why choose Profile 22?

Profile 22 is the UK's leading window and door systems supplier. Part of the Epwin Group, the business has more than 40 years of proven expertise and is committed to excellence and high ethical and environmental standards. A continuing programme of investment in facilities, manufacturing technologies and its people has produced an outstanding range of high-performing products to suit the needs of every sector. Profile 22's systems are the mostly widely specified, trusted by architects, specifiers and construction professionals alike.

Profile 22 is an ISO 9001 registered business which works to OHSAS 18001 and the ISO 14001 environmental management standard. A member of the VinylPlus initiative, it is committed to sustainable practices.

### Fully supported

We can offer all the support you need. From initial consultations, with no obligation, right through to full specification help, advice and project planning from start to finish.

We have a highly experienced field and office based technical support team and a network of Profile 22 **Approved Commercial Manufacturers**, whose training, skill and dedication will contribute to the success of your project.

### Fully accredited systems

The Flush Casement system is Secured by Design accredited, giving peace of mind to the end-user. Windows have been tested and approved to PAS24 (enhanced security performance requirements for doorsets and windows in the UK).

The system is manufactured to BES6001, ensuring that its constituent materials have been responsibly sourced, and allowing additional points under BREEAM.



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For further information

call 01952 290910

Email: [specifier@profile22.co.uk](mailto:specifier@profile22.co.uk)

[www.profile22.co.uk](http://www.profile22.co.uk)

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BS EN 12608  
KM12895  
PROFILE



BS EN 12608/PAS24  
KM33523  
ENHANCED SECURITY  
WINDOW SYSTEMS  
SUPPLIER



BS EN 12608/PAS24  
KM56791  
ENHANCED SECURITY  
DOOR SYSTEMS  
SUPPLIER



BS 8529/PAS24  
KM594776  
ENHANCED SECURITY  
DOOR SYSTEMS  
SUPPLIER

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