

Timber Casement Windows - Key Features

**GEORGE
BARNSDALE**
Est. 1884



Internal beading as standard for improved security



1. Dual Weather Seals (For Excellent Weather Performance)

For excellent weather performance dual weather seals are discreetly positioned within the sash of the casement window. They create a low pressure cavity which helps to retain warmth and exclude noise and moisture.



2. Multi-Point Locking (For High Security)

Using multiple locking points and bi-directional cams, our casement window offers excellent security as standard.



3. Concealed Hinges (Ease of Opening)

As standard all casement window designs are supplied with a concealed hinge located within the frame. The concealed hinge retains the opened window position firmly in place without the need for additional stays and is invisible from the inside when the window is closed. As standard, the hinge allows the window to open up to 90 degrees in order to maximise the opening for escape purposes.



4. Hinge Protectors (For High Security)

All of our casement windows are fitted with hinge protectors as standard, providing additional strength to prevent forced access.



5. Easy Clean Position (Ease of Cleaning)

Our concealed hinges (including the restricted option), allow the sash, when opened, to slide towards the centre of the frame to enable the outside to be accessed for easy cleaning. We also offer a reversible hinge which allows the casement window to be completely rotated so that the outside of the glass is on the inside.

Performance Data

Through excellent design, precision manufacturing, advanced coatings and a commitment to the highest levels of quality, our windows and doors are optimised for long life performance. The following table summarises our current performance data for the casement window from the Traditional Range. If your project requires a different specification, our experts in thermal, acoustic, security and weather performance will work with you to meet your exact requirements. If necessary, we can also engage in bespoke testing to ensure precise specifications are met.

	Thermal				Acoustic
	U-Value	Energy Rating	g-Value	LT	Rw
Standard	1.3	A	71%	81%	30dB
Best	0.9	A++	AR	AR	41dB

Weather				Operation & Strength	Security	Sustainability
Classification	Air	Water	Wind	Classification	PAS 24/Part Q	FSC Chain of Custody
2000 (BS6375 Part 1)	Class 4 (EN 12207:2000)	Class 7A (EN 12208:2000)	Class C5 (EN 12210:2000)	Pass (BS6375 Part 2)	Pass (as option)	Yes

AR = As Required