ALUMINIUM WINDOWS · FLUSH ALUMINIUM CASEMENT

AluK 58BW Flush HI

The look of a traditional flush timber casement, made in aluminium. The sash closes level with the outer frame for a clean, even face, with slim 74mm sightlines, U-values down to 1.0 W/m²K triple glazed, 42dB acoustic performance and Secured by Design security.

74mm	1.0	42dB
frame-to-vent sightline	U-value triple glazed (W/m²K)	acoustic rating Rw

Technical details

Frame depth	70mm
Design	Flush sash, polyamide thermal break
Sightlines	74mm frame to vent · 111mm vent to mullion to vent · 74mm dummy sash
Opening types	Top hung, side hung, bottom hung, fixed light, multi-light, French casement, dummy sashes
Max sash size	Top hung 1400mm wide × 1200mm high · side hung 700mm wide × 1400mm high
Min sash size	Top hung 350 × 250mm · side hung 300 × 350mm
Max sash weight	Top hung 35kg · side hung 26kg · bottom hung 50kg (2 hinges) · fixed light 250kg
Glazing	24–35mm units, internal bead
Thermal performance	1.4 W/m²K double · 1.0 W/m²K triple · WER B–C
Acoustic	Rw (C;Ctr) 42 (-1;-5) dB
Weather	Air Class 4 (600 Pa) · Water Class 9A (600 Pa) · Wind Class E2400 (2400 Pa)
Security	PAS 24 · Secured by Design · multi-point locking · Q-Mark
Styles	Flush, bay, chamfered, heritage, ovolo and contemporary
Finishes	Single or dual colour, textured or anodised

Key benefits

- Sash closes flush with the frame for a timber-style finish
- Slim 74mm frame-to-vent sightline
- Dummy sashes keep the flush look across fixed lights
- Integrated deep head profiles for trickle ventilation
- PAS 24 and Secured by Design, WER B to C
- Flush, bay, chamfered, heritage, ovolo and contemporary looks

Ideal for

Replacing timber flush casements · Period and cottage-style homes · New builds wanting a flush look · Bays and corner windows

Prefer a conventional stepped sash? See the 58BW HI Casement.

Talk to us about your project: we work from drawings, measure every opening on site, and fit with our own team.

Manufacturer data. Performance varies with size, glass and configuration, and is confirmed at survey.