

The image features a large, leafy green tree on the left side, partially obscuring a white wall. To the right, a tall, narrow window with a dark frame and a curved top is set into the wall. The window reflects the interior of a room, showing a lamp, a framed picture, and a bookshelf. A red diagonal banner covers the bottom left corner of the image.

Optio 58BW Flush Window System

› Uncompromised style and performance

[ALUKGB.COM/58BWFLUSH](https://alukgb.com/58BWFLUSH)

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Did You Know?

The 58BW Flush achieves greater weather performance with friction stays on its side-hung windows, whereas alternatives on the market offer peg stays that are vulnerable to damage in windy conditions.

Enjoy a **flawless, flush finish** with the **Optio 58BW Flush** window from AluK.

The already-popular 58BW series just got even more impressive. This innovative aluminium flush window is the one you've been waiting for, with its minimal sightlines and maximum weather resistance combined with all the familiar features of our enduring 58BW range: advanced performance, incredible versatility and complete security.

Ideal for contemporary new-builds and refurbishment projects, the 58BW Flush is the stylish, durable aluminium alternative to slimline timber and even steel window systems.

With a contemporary, slimline 45mm sash, the sharp shadow line of the 58BW Flush can be achieved with open-out sashes including French casement, top, and side-hung. What's more, fixed-lights can also have the flush shadow-line with the use of dummy sashes.

Flush Innovation

- › **Advanced weather performance** – features like the double rebate, and friction stays on side-hung windows offer protection against bad weather conditions
- › **Slimmer sightlines** – 45mm ultra-slim sash suits a range of property styles
- › **Flexible design choice** – the flush shadow line can be complimented with a choice of flat, putty line or stepped edge vent styles to suit the property
- › **Safe and secure** – tested to PAS 24 and certified under the Secured by Design scheme
- › **Stock offer** – readily available on a 5-day lead time in standard single or dual colours



Fabricator Focus

The latest addition to our industry-favourite series, the 58BW Flush offers uncompromised style and performance.

The 58BW series has been expertly engineered to enhance any type of project; from heritage and refurbishments right through to new-builds and ultra-modern application.

Even better still, this latest flush design shares the same sashes, features and hardware with the 70mm frame option for the 58BW suite, making it quicker and easier to fabricate.

Faster Fabrication

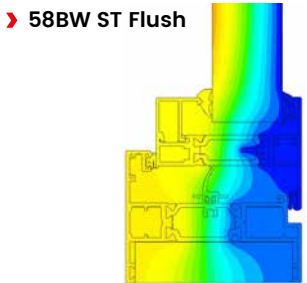
- › **Addition to the range** – just three new profiles to add to your existing 58BW fabrication set-up
- › **Quick and easy to fabricate** – choice of crimped or mechanical cleat corner fabrication to build quickly with ease
- › **Slim sashes** – achieve the desirable minimal aesthetic with ultra-slim 45mm sash
- › **Stock offer** – readily available on a 5-day lead time in colours 9910HG, 7016M, and 9005M as well as white/grey and white/black for quicker turnaround



Specification and Performance

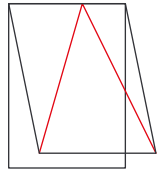
Performance and Accreditations	
U-Value (Double Glazing) (Ug: 1.0 W/m2K)	1.5 W/m²K
Window Energy Rating (WER)	B-C
Air Permeability	Class 4 (600 Pa)
Water Tightness	Class 9a (600 Pa)
Wind Resistance	Class E2400 (2400 Pa)
Acoustic Performance	Rw (C;Ctr) 42 (-1;-5) dB
Security	PAS 24 & SBD
3rd Party Certification Q-Mark	✓
System	
Depth	70mm
Configurations	
Top Hung	✓
Side Hung	✓
Dummy Sashes	✓
Multi-Light	✓
French Casement	✓

Size and Weight Limits	
Top Hung	
Max Size (mm)	1400w x 1200h
Min. Size (mm)	350w x 250h
Max Weight	35kg
Side Hung	
Max Size (mm)	700w x 1400h
Min. Size (mm)	300w x 350h
Max Weight	26kg
Bottom Hung	
Max Weight	50kg (2 hinges)
Fixed Light	
Max Weight	250kg
System Features	
Single Colour	✓
Dual Colour	✓
Textured Finish	✓
Anodised Finish	✓
Multi-Point Locking	✓
Sightline	
Frame to Vent	74mm
Vent to Mullion to Vent	111mm
Dummy Sash	74mm
Glazing	
Glazing Options	Internal Bead
Glazing Thickness	24mm - 35mm

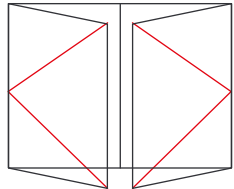


Window Configurations

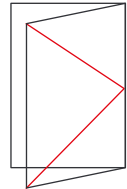
› Top Hung



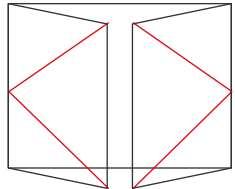
› Double Sash



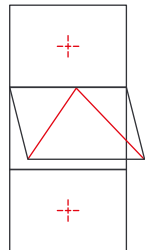
› Side Hung



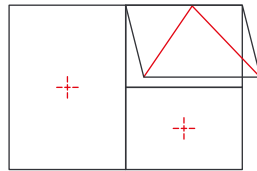
› French Casement



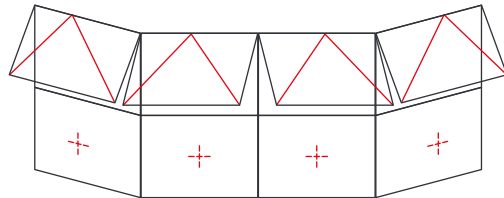
› Tall



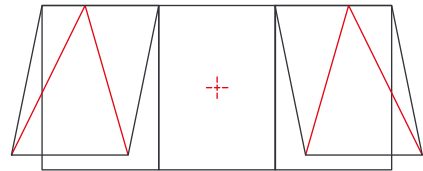
› Multi-Lights & Top Hung



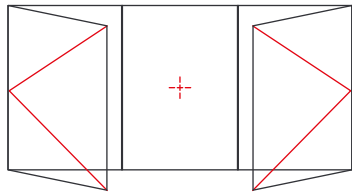
› Bay Window – Top Hung & Multi-Lights



› Top Hung & Dummy Sash



› Side Hung & Dummy Sash

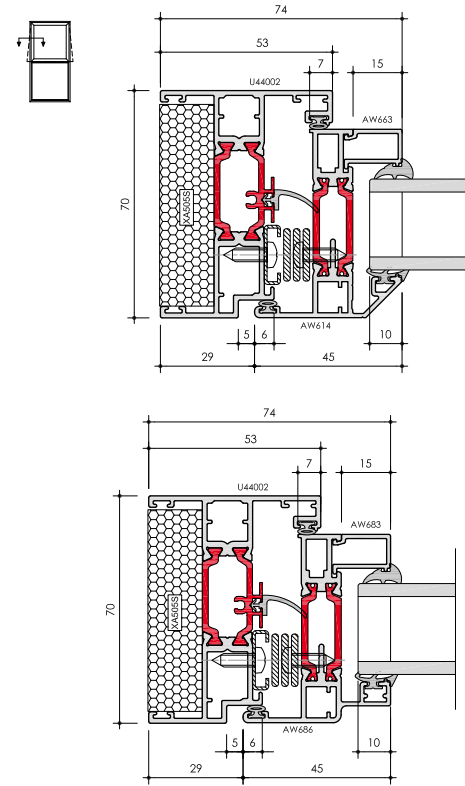


These are examples of popular window configurations, though many more are possible.

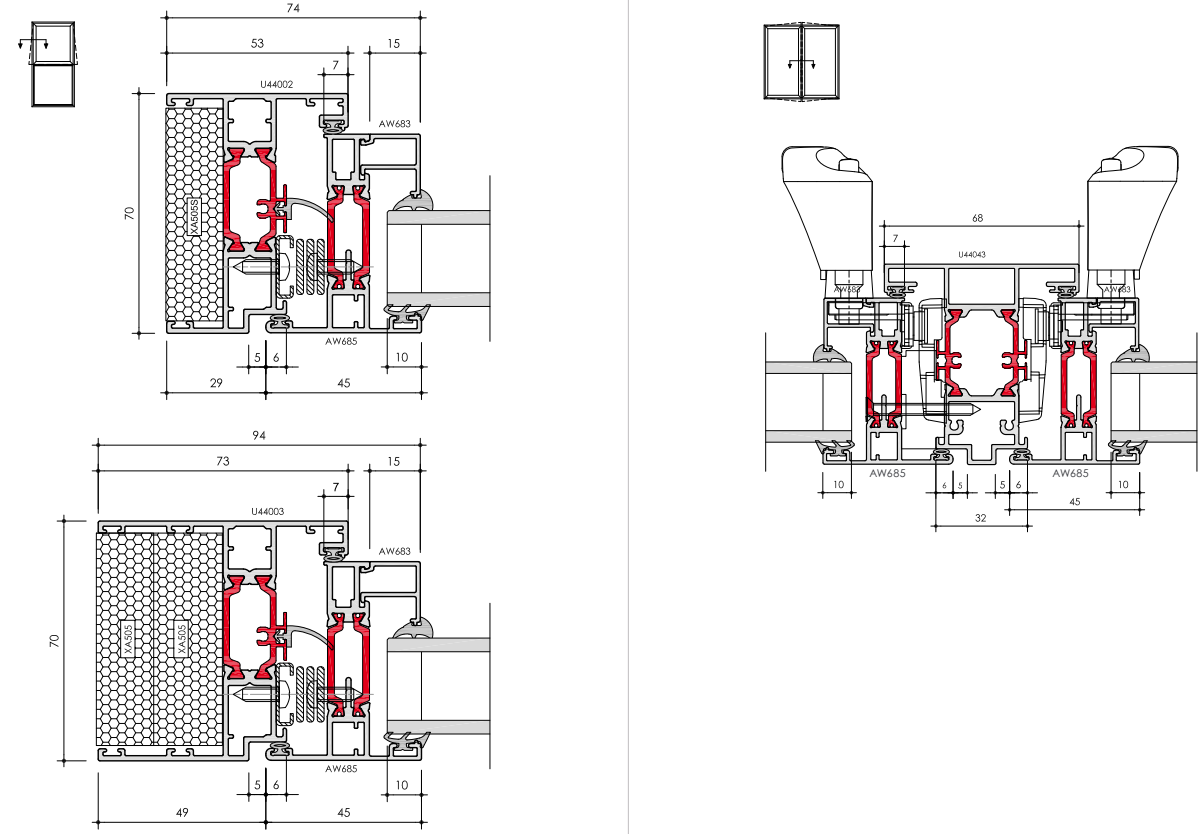
✚ All fixed lights created using dummy vents to retain flush aesthetic.

CAD Cross Sections

› JAMB Section



› French Casement Floating Mullion



All fixed lights created using dummy vents to retain flush aesthetic.

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