

58BW Open-Out Window System

Built to the highest UK standards, the 58BW Window System delivers a high performance and cost-effective solution with impressively narrow profiles. Equally at home on residential and commercial projects, the system is available in a number of formats including Top Hung, Side Hung and French Casement.

The system's clean lines and advanced functionality meet the demands of almost every modern building construction. Its competitive pricing also makes it a highly popular choice with specifiers both in the UK and around the globe. In addition to being certified under Secured By Design and tested to PAS 24, the 58BW also holds a Green Guide 'A' rating.



DESIGN FEATURES

- Certified under the Secured By Design scheme
- Tested to PAS 24
- Integrated deep head profiles for ease of trickle ventilation
- Unique polyamide thermal break design to improve thermal performance
- Casement system sightlines to match the Tilt-Before-Turn window sightlines
- Reverse rebate option for internal glazing throughout

OPTIONS

- Available in two frame depths: 58mm or 70mm
- Supports both open-in and open-out projects
- Internally or externally glazed to accommodate low and high-rise projects
- Glazing 23mm–40mm
- Available in the following configurations: Top Hung, Side Hung, Bottom Hung, Fixed Light, Multi-light and French Casement
- Available for Lifetime Homes (LFT)
- Dedicated fixing straps for ease of installation
- Designed with a Euro Groove to accommodate standard locking hardware
- Smoke vent certification compliance to EN12101-2:2003 Annex G
- Available in single or dual colour polyester powder coating, texture and anodised finishes

AluK (GB) Limited
Newhouse Farm Ind Est
Chepstow
NP16 6UD
+44 (0)1291 639 739

AluK Design Studio
5-11 Worship Street
London EC2A 2BH
aluk.co.uk

Experts in Aluminium

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SPECIFICATIONS

PERFORMANCE AND ACCREDITATIONS

U-Value (Double Glazing) (Ug: 1.0 W/m ² K)	1.4 W/m ² K
U-Value (Triple Glazing) (Ug: 0.7 W/m ² K)	1.2 W/m ² K
Window Energy Rating (WER)	B - C
BRE Green Guide Rating	A Rated
Air Permeability	Class 4 (600 Pa)
Water Tightness	Class 9a (600 Pa)
Wind Resistance	Class E2400 (2400pa)
Acoustic Performance	Rw (C;Ctr) 42 (-1;-5) dB
Security	PAS 24 & SBD
3rd Party Certification Q-Mark	✓

SYSTEM

Depth	58mm & 70mm
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CONFIGURATIONS

Opening	Open-Out
Top Hung	✓
Side Hung	✓
Bottom Hung	✓
Tilt & Turn	x
Fixed Light	✓
Multi-Light	✓
French Casement	✓

SIZE AND WEIGHT LIMITS

Top Hung	
Max Size (mm)	1750w x 2500h
Min. Size (mm)	300w x 200h
Max Weight	180kg
Side Hung	
Max Size (mm)	1300w x 1750h
Min. Size (mm)	300w x 300h
Max Weight	55kg
Bottom Hung	
Max Size (mm)	1750w x 2500h
Min. Size (mm)	300w x 200h
Max Weight	50kg (2 hinges)
Fixed Light	
Max Weight	250kg

GLAZING

Glazing Options	Internal & External Bead
Glazing Thickness	23mm-40mm

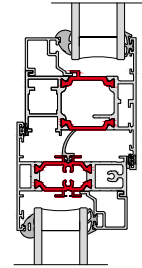
SYSTEM FEATURES

Single Colour	✓
Dual Colour	✓
Textured Finish	✓
Anodised Finish	✓
Multi-Point Locking	✓
Smoke Vent Compliance	✓
Sightline (Frame to Vent)	75mm
Sightline (Vent to Mullion)	89mm
Sightline (Fixed Light)	43mm

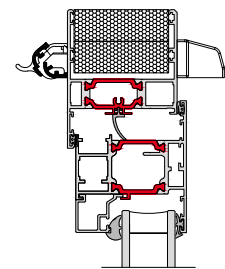
CAD CROSS SECTIONS AND THERMAL PROFILE

Additional details are available on request.

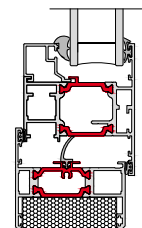
58BW
Mullion Transom



58BW
Head



58BW
Cill



58BW
Thermal Profile

