

# 58BW Open-In 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 Side Hung and Tilt-Before-Turn.

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
- Tilt-Before-Turn system sightlines to match the casement window sightlines

## OPTIONS

- Available in two frame depths: 58mm or 70mm
- Supports both open-in and open-out projects
- Glazing 24mm–40mm
- Available in the following configurations: Side Hung, Bottom Hung, Fixed Light, Multi-light and Tilt-Before-Turn
- Available for Lifetime Homes (LFT)
- Dedicated fixing straps for ease of installation
- Designed with a Euro Groove to accommodate standard locking hardware
- Available in single or dual colour polyester powder coating, texture and anodised finishes

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## SPECIFICATIONS

### PERFORMANCE AND ACCREDITATIONS

U-Value (Double Glazing) (Ug: 1.0 W/m <sup>2</sup> K)	1.5 W/m <sup>2</sup> K
U-Value (Triple Glazing) (Ug: 0.7 W/m <sup>2</sup> K)	1.3 W/m <sup>2</sup> K
Window Energy Rating (WER)	B - C
BRE Green Guide Rating	A Rated
Air Tightness	Class 4 (600 Pa)
Water Tightness	Class 8a (450 Pa)
Wind Resistance	Class E2400 (2400 Pa)
Acoustic Performance	Rw (C;Ctr) 44 (-1;-4) dB
Security	PAS 24 & SBD
3rd Party Certification Q-Mark	✓

### SYSTEM

Depth	58mm & 70mm
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### CONFIGURATIONS

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

### SIZE AND WEIGHT LIMITS

Side Hung	
Max Size (mm)	1725w x 2300h
Min. Size (mm)	380w x 575h / 480w x 375h
Max Weight	150kg
Bottom Hung	
Max Size (mm)	1725w x 2300h
Min. Size (mm)	380w x 575h / 480w x 375h
Max Weight	150kg
Tilt & Turn	
Max Size (mm)	1725w x 2300h
Min. Size (mm)	380w x 575h / 480w x 375h
Max Weight	150kg
Fixed Light	
Max Weight	250kg

### GLAZING

Glazing Options	Internal Bead
Glazing Thickness	24mm-40mm

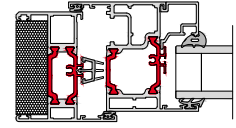
### SYSTEM FEATURES

Single Colour	✓
Dual Colour	✓
Textured Finish	✓
Anodised Finish	✓
Multi-Point Locking	✓
Lifetime Homes	✓
Sightline (Frame to Vent)	86mm
Sightline (Vent to Mullion)	100mm
Sightline (Fixed Light)	43mm

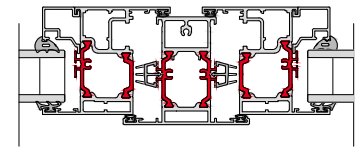
## CAD CROSS SECTIONS

Additional details are available on request.

58BW Open-In Jamb detail



58BW Open-In Mullion detail



58BW Open-In Transom detail

