

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. The system is certified under Secured By Design and tested to PAS 24.

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



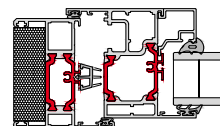
SPECIFICATIONS

PERFORMANCE AND ACCREDITATIONS	
U-Value (Double Glazing) (Ug: 1.0 W/m²K)	1.5 W/m²K
U-Value (Triple Glazing) (Ug: 0.7 W/m²K)	1.3 W/m²K
Window Energy Rating (WER)	B - C
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
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

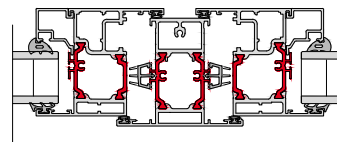
CAD CROSS SECTIONS AND THERMAL PROFILE

Additional details are available on request.

58BW Open-In Jamb detail



58BW Open-In Mullion detail



58BW Open-In Transom detail

