



58BW HI | 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 24mm–40mm
- A range of configurations available
- Dedicated fixing straps for ease of installation
- Smoke vent certification compliance to EN12101-2:2003 Annex G

SPECIFICATIONS

PERFORMANCE AND ACCREDITATIONS	58BW CASEMENT HI
U-Value (Double Glazing)	1.4 W/m²K
U-Value (Triple Glazing)	1.2 W/m²K
Window Energy Rating (WER)	B - C
BRE Green Guide Rating	A rated
Air Permeability	Class 4 (600 Pa)
Water Tightness	Class 9a (600Pa)
Wind Resistance	Class E2400 (2400 Pa)
Security	PAS 24
3rd Party Certification Q-Mark	✓

SYSTEM

Depth	58 & 70mm
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CONFIGURATIONS

Opening	Open-Out
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SIZE AND WEIGHT LIMITS

Top Hung	
Max Size (mm)	1750w x 2500h
Min. Size	300w x 350h
Max Weight	180kg
Side Hung	
Max Size (mm)	1300w x 1750h
Min. Size	300w x 300h
Max Weight	55kg
Bottom Hung	
Max Size (mm)	1750h x 1750w
Min. Size	350h x 350w
Max Weight	45kg (5 hinges)
Butt Hinges (Side & Bottom Hung)	
Top hung (max weight)	40 Kg
Side hung (max weight)	24 Kg
Fixed Light	
Max Weight	250kg

GLAZING

Glazing Options Internal Bead	Internal & External Bead
Glazing Thickness **	24mm - 40mm

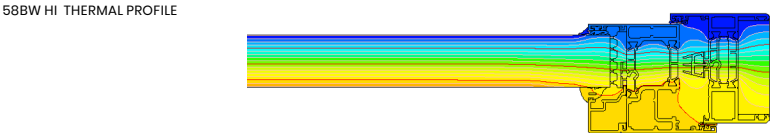
SYSTEM FEATURES

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

CONFIGURATIONS

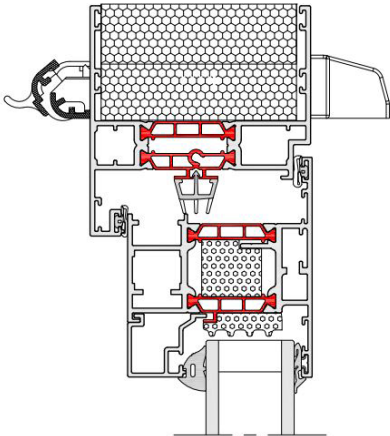
Bottom Hung	Side Hung	Tilt & Turn	Fixed Light	Bottom Hung	French Casement	Multi Light
						

THERMAL PROFILE

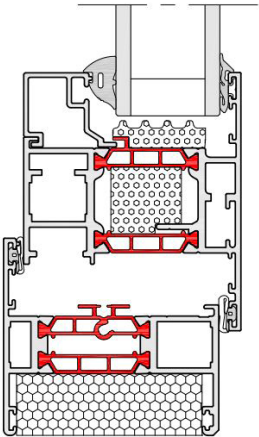


CAD CROSS SECTIONS

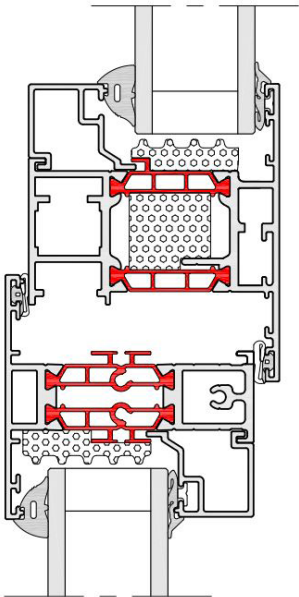
Additional details are available on request.



58BW CASEMENT HI HEAD



58BW CASEMENT HI JAMB



58BW CASEMENT HI MULLION