

58BW TBT HI
Window

ENERGY EFFICIENT
PART L
COMPLIANT
FOR A GREENER HOME



Offering exceptional child safety and seamless operation, our tilt before turn windows are an ever-popular choice for both multi-residential and light commercial applications.

Made from high performance aluminium these sustainable systems are inherently strong and lightweight. They're also an ideal solution for high-rise buildings where internal glazing and ease of cleaning are essential.

DESIGN FEATURES

- Certified under the Secured By Design scheme
- Tested to PAS 24
- Green guide rated A
- Integrated deep head profiles for ease of trickle ventilation
- Unique polyamide thermal break design to improve thermal performance

OPTIONS

- Glazing 24mm – 40mm
- Available in a range of single or dual colour and anodised finishes
- Available in the following aesthetics: Bay, Contemporary and Square
- Available in the following configurations: tilt-before-turn, side hung, fixed light and multi-light
- Available for Lifetime Homes (LFT)

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ALUK®

SPECIFICATIONS

Performance and accreditations	58BW TBT 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 8a (600Pa)
Wind Resistance	Class E2400 (2400 Pa)
Security	PAS 24
3rd Party Certification Q-Mark	✓
System	
Depth	58mm & 70mm
Configurations	
Opening	Open-in
Top Hung	-
Side Hung	✓
Bottom Hung	✓
Tilt & Turn	✓
Fixed Light	✓
Multi-Light	✓
French Casement	-
Size and weight limits	
Side Hung	
Max Size (mm)	1725mm x 2300mm
Min. Size	380mm x 575mm / 480mm x 375mm
Max Weight	150kgs
Bottom Hung	
Max Size (mm)	1725w x 2300mm
Min. Size	380mm x 575mm / 480mm x 375mm
Max Weight	150kgs
Tilt & Turn	
Max Size (mm)	1725w x 2300mm
Min. Size (mm)	380mm x 575mm / 480mm x 375mm
Max Weight	150 kgs
Fixed Light	
Max Weight	250kg
Glazing	
Glazing Options	Internal Bead
Glazing Thickness **	24mm - 40mm
System Features	
Single Colour	✓
Dual colour option	✓
Textured Finish	✓
Annodised Finish	✓
Multi-Point Locking	✓
Lifetime Homes	✓
Sightline (Frame to Vent)	86mm
Sightline (Vent to Mullion)	100mm
Sightline (Fixed Light)	43mm

**Glazing thickness: Other thicknesses may be possible dependant on profile combinations specified. Fabricators should refer to AluK technical manual glazing section for details.

CAD CROSS SECTIONS AND THERMAL PROFILE

Additional details are available on request.

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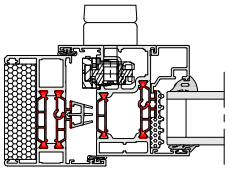
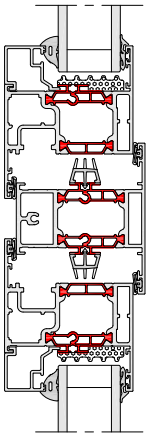
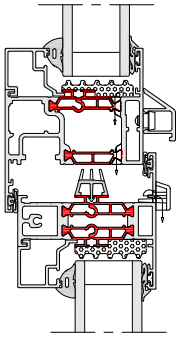


58BW TBT HI MULLION





58BW TBT HI THERMAL PROFILE

