

ALUK[®]

58BW HI Casement Window

HIGH
PERFORMANCE
SOLUTION

 Quantum Windows

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HIGH PERFORMANCE SOLUTION

An effective high performance solution - Offering clean lines and advanced functionality for both new build and residential replacement applications. This window system is available in a range of configurations from Casement, tilt-before-turn and top-swing-reverse.

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 polamide thermal break design to improve thermal performance

OPTIONS

- 58mm frame depth
- Project in or project out options
- Internally or externally glazed to accommodate low or high rise projects
- Glazing 24mm - 40mm
- Available in a range of single or dual colours, and anodised finishes
- Available for Lifetime Homes (LFT)

Size Limits Max Weights

	Casement	TBT	TSR
Top Hung	180kg	-	-
Tilt Before Turn	-	100kg	-
Side Hung	55kg	100kg	-
Bottom Hung	60kg	-	-
Top Swing	-	-	60kg
Side Swing	-	-	45kg
Fixed Light	250kg	250kg	250kg



	CASEMENT	TBT	TSR
FRAME DEPTH	58mm	58mm	58mm
DUAL COLOUR OPTION	Yes	Yes	Yes
MULTI-POINT LOCKING	Yes	Yes	Yes
GLAZING OPTIONS	Internal & External Bead	Internal & External Bead	Internal Bead
GLAZING THICKNESS	24mm - 40mm	24mm - 40mm	24mm - 28mm
SIGHTLINE FRAME TO VENT	75mm	86mm	103mm
SIGHTLINE FRAME TO MULLION	89mm	100mm	161mm
SIGHTLINE FIXED LIGHT	43mm	43mm	-

PERFORMANCE	CASEMENT	TBT	TSR
U-VALUE DOUBLE GLAZING	1.4 W/m ² K	1.5 W/m ² K	1.7 W/m ² K
U-VALUE TRIPLE GLAZING	1.2 W/m ² K	1.3 W/m ² K	-
WINDOW ENERGY RATING	B-C	B-C	-
GREEN GUIDE RATING	A Rated	A Rated	A Rated
ACOUSTIC PERFORMANCE	Rw (C;Ctr) 42 (-1;-5) db	Rw (C;Ctr) 44 (-1;-4) db	-
AIR TIGHTNESS	Class 4	Class 4	Class 4
WATER TIGHTNESS	Class 9A	Class 9A	Class 9A
WIND LOAD	Class E2400	Class E2400	Class A5
SECURITY	PAS 24	PAS 24	PAS 24
3RD PART CERTIFICATION	Q-Mark	Q-Mark	Q-Mark
SECURED BY DESIGN	Yes	Yes	Yes

*Specifications show what can be achieved with the system but not all products will meet them automatically (depending on size, configuration, e.t.c.). Any specific requirements should be discussed with the technical team before ordering. The specifications on this page are subject to change without warning.