

**ALUK**<sup>®</sup>

58BW HI Casement Window

HIGH  
PERFORMANCE  
SOLUTION



**UNIQUE GLASS  
& GLAZING**

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& GLAZING**



## 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 <sup>2</sup> K   | 1.5 W/m <sup>2</sup> K   | 1.7 W/m <sup>2</sup> K |
| U-VALUE TRIPLE GLAZING | 1.2 W/m <sup>2</sup> K   | 1.3 W/m <sup>2</sup> 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.