



# 58BW HI Open-In Window

Built to the highest UK standards, the 58BW HI 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
- › 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 Standard (LHS)
- › Available in single or dual colour polyester powder coating, texture and anodised finishes

Secured by Design



Police Preferred Specification



## 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) |
| Acoustic performance           | 44 (-1;-4)            |
| 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    | 100kgs                        |

#### Bottom Hung

|               |                               |
|---------------|-------------------------------|
| Max Size (mm) | 1725w x 2300mm                |
| Min. Size     | 380mm x 575mm / 480mm x 375mm |
| Max Weight    | 100kgs                        |

#### Tilt & Turn

|                |                               |
|----------------|-------------------------------|
| Max Size (mm)  | 1725w x 2300mm                |
| Min. Size (mm) | 380mm x 575mm / 480mm x 375mm |
| Max Weight     | 130 kgs                       |

#### Fixed Light

|            |       |
|------------|-------|
| Max Weight | 200kg |
|------------|-------|

### Glazing

|                      |               |
|----------------------|---------------|
| Glazing Options      | Internal Bead |
| Glazing Thickness ** | 24mm - 40mm   |

### System Features

|                             |       |
|-----------------------------|-------|
| Single Colour               | ✓     |
| Dual colour option          | ✓     |
| Textured Finish             | ✓     |
| Anodised Finish             | ✓     |
| Multi-Point Locking         | ✓     |
| Lifetime Homes              | ✓     |
| Sightline (Frame to Vent)   | 86mm  |
| Sightline (Vent to Mullion) | 100mm |
| Sightline (Fixed Light)     | 43mm  |

## CONFIGURATIONS

Bottom Hung



Side Hung



Tilt & Turn



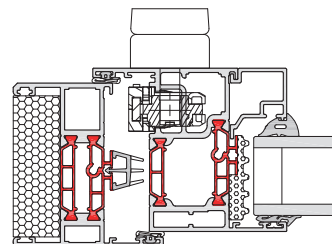
Fixed Light



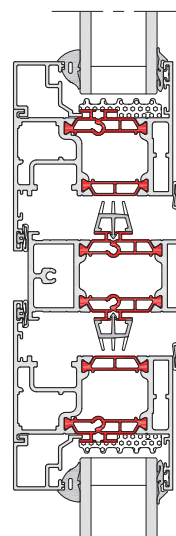
## CAD CROSS SECTIONS

Additional details are available on request.

### ➤ 58BW TBT HI HEAD



### ➤ 58BW TBT HI MULLION



### ➤ 58BW HI TRANSOM - VENT OVER FIXED

