



more than just a number.



Premium, slimline **ACW81** window



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Suitable for both commercial and residential projects, the ACW81 aluminium windows combine modern energy-efficient technology with the elegant and understated style of a traditional casement window. All our windows are carefully engineered from durable aluminium, combining modern technology with a more classic aesthetic, with a choice of vertical or horizontal hinges, depending on your project specifications and personal taste. Versatile and guaranteed to deliver smooth and effortless operation, our windows can be fabricated in our standard colour options or in a bespoke powder coating in any RAL colour, providing freedom and flair in design.

- 28-44mm glazing options
- Heritage / flush & standard window options
- Side hung / top hung / fixed light options available
- Elegant aesthetics for contemporary styling
- Innovative polyamide thermal break technology to enhance thermal performance
- Exceeds Part L compliance with WER rating A
- U Value of 1.4W/m²K as standard, 1.2 U-value with triple glazing
- Available in a choice of standard and non-standard colours
- 73mm aluminium profile perfectly complements our BF73 Bifold

SPECIFICATIONS

Finish	Single or dual colour factory powder coated to marine quality.
Hardware	Option of either multi-point or cockspur locking handles.
Trickle Vent	Flush trickle vents available that are built into the window sash for a discreet appearance.



Frame depth	73mm standard casement, 81mm flush
Glass possibilities	28mm to 44mm double & triple glazed units
Side Hung Max height	1500mm
Side Hung Max width	900mm
Top Hung Max height	1500mm
Top Hung Max width	1500mm
Maximum sash weight	50kg (TH) and 40kg (SH)
Thermal properties	1.4 U W/m ² k (1.2 U W/m ² k with triple glazing)
Air	Class 4, 600Pa
Wind	Class C5, 2000Pa (SH), Class CE 2400Pa (TH)
Water	Class 8A, 450Pa (SH), Class E1500, 1500Pa (TH)



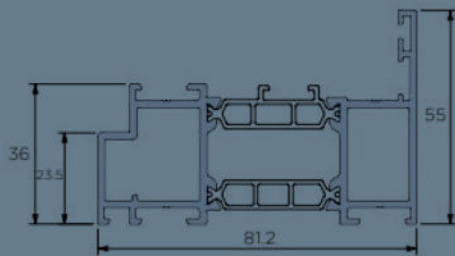
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CROSS SECTIONS

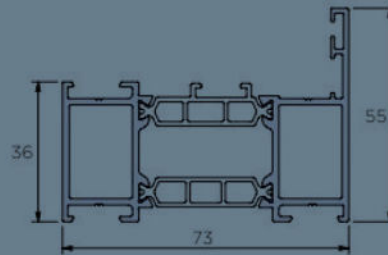
Standard Flush
Outer Frame

ACW81.112



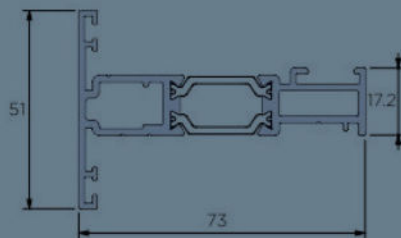
Standard
Outer Frame

ACW81.114



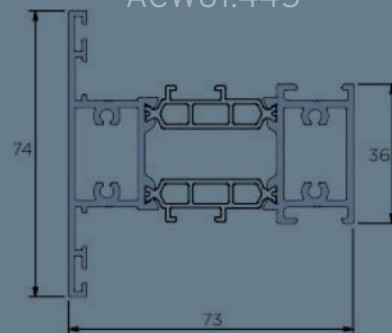
Super Slim
Sash

ACW81.221



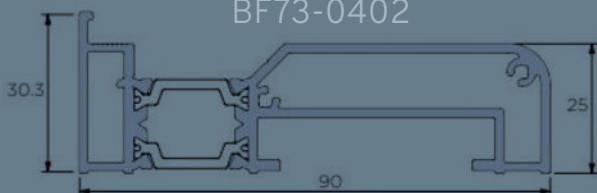
Standard Transom
Screw Fix

ACW81.445



Drainage Sub Cill
(90mm)

BF73-0402



Drainage Sub Cill
(150mm)

BF73-0405

