

ALUK 58 BW Flush Window V1



Arkay Windows is a specialist large-scale fabricator *with over 45 years experience* based in Watford, North West London.

*Through growth built on putting our customers first*, we have risen to supply some of the country's biggest retail companies, contractors and commercial installers.

 **Arkay Windows**



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**ALUK<sup>®</sup>**  
**Optio 58BW**  
**Flush Window**

FLAWLESS  
FLUSH  
FINISH

 **Arkay Windows**

OPTIO 58BW FLUSH WINDOW CONTENT

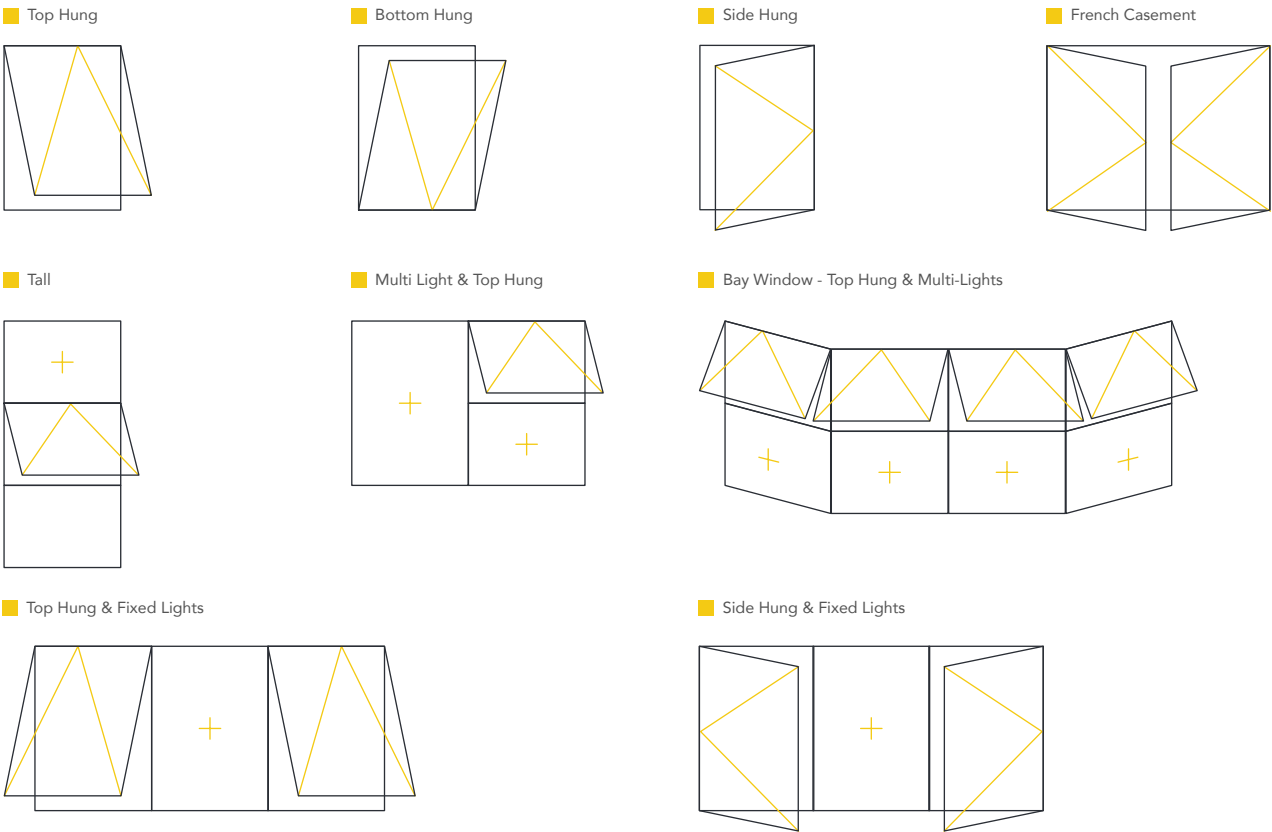
**Combining minimal sight lines with maximum durability & weather resistance.**  
Perfect for a range of new build or refurbishment projects, the 58BW flush window offers a sleek flush finish and advanced functionality. With a choice of window configurations and slim sashes, the 58BW can achieve stunning aesthetics without compromising on the exceptional standards of weather protection, security and durability.

DESIGN FEATURES

- Certified under the Secured By Design scheme
- Tested to PAS 24
- Features integrated deep head profiles for ease of trickle ventilation
- A polyamide thermal break design to improve thermal performance

OPTIONS

- Glazing 24mm - 40mm
- Internally or externally glazed
- Available in a selection of single or dual colours, as well as anodised finishes
- Available in flush, bay, chamfered, heritage, ovolo and contemporary aesthetics
- 70mm frame depth
- Available in a range of configurations: top hung, bottom hung, side hung, fixed light, multi-light and French casement

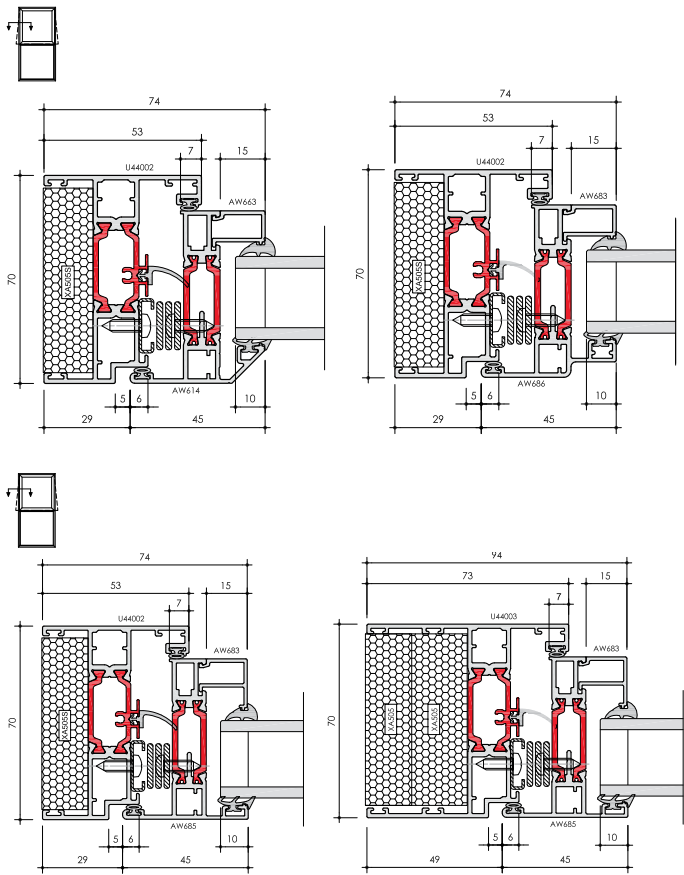


SPECIFICATIONS

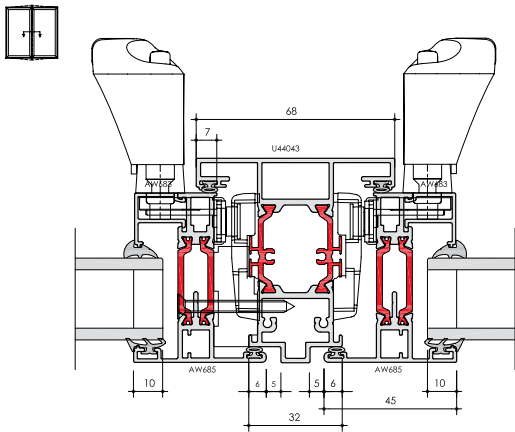
PERFORMANCE AND ACCREDITATION	
U-Value (Double Glazing) (Ug: 1.0 W/m2K)	1.5 W/m²K
Window Energy Rating (WER)	B-C
Air Permeability	Class 4 (600 Pa)
Water Tightness	Class 9a (600 Pa)
Wind Resistance	Class E2400 (2400 Pa)
Acoustic Performance	Rw (C;Ctr) 42 (-1;-5) dB
Security	PAS 24 & SBD
3rd Party Certification Q-Mark	✓
SYSTEM	
Depth	70mm
CONFIGURATIONS	
Top Hung	✓
Side Hung	✓
Dummy Sashes	✓
Multi-Light	✓
French Casement	✓

SIZE AND WEIGHT LIMITS	
Top Hung	
Max. size (mm)	1400w x 1200h
Min. size (mm)	350w x 250h
Max. Weight	35kg
Side Hung	
Max. size (mm)	700w x 1400h
Min. size (mm)	300w x 350h
Max. Weight	26kg
Bottom Hung	
Max. Weight	50kg (2 hinges)
Fixed Light	
Max. Weight	250kg
SYSTEM FEATURES	
Single Colour	✓
Dual Colour	✓
Textured Finish	✓
Anodised Finish	✓
Multi-Point Locking	✓
SIGHTLINES	
Frame to Vent	74mm
Vent to Mullion to Vent	111mm
Dummy Sash	74mm
GLAZING	
Glazing Options	Internal Bead
Glazing Thickness	24mm - 35mm

Jamb Section



French Casement Floating Mullion



U-Value (Double Glazing) - Windows are calculated using EN ISO 10077 - Part 2, 1230mm x 1480mm Side hung next to fixed light with Ug: 1.0 W/m²K using AW603 outerframe and AW614 vent  
U-Value (Triple Glazing) - Windows are calculated using EN ISO 10077 - Part 2, 1230mm x 1480mm Side hung next to fixed light with Ug: 0.7 W/m²K using AW603 outerframe and AW685 vent  
Green Guide Rating - Calculated using the Green Guide 2008 ratings for domestic windows, Powder Coated Aluminium window (Profile <0.88kg/m) double glazed  
Acoustic Performance (dB) - Tested using AW604 outerframe and AW685 vent, 8/16/8.8mm Acoustic Laminated Glass  
Top Hung (max weight) - Based upon Nico 24" Standard top hung friction stay / Side Hung (max weight) - Based upon Nico 16" Standard side hung friction stay / Bottom Hung (max weight) - Based upon 3 x RW20M hinges