

The logo for ALUK, with 'ALU' in black and 'K' in red, followed by a registered trademark symbol.

AluK Optio 58BW  
Flush Window

FLAWLESS,  
FLUSH  
FINISH

The logo for Arkay Windows, featuring a stylized window icon to the left of the text.

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

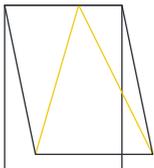
- Certified under the Secured By Design scheme
- Tested to PAS 24
- Features integrated deep head profiles for ease of trickle ventilation
- A polyamide thermal break design to improve thermal performance

### OPTIONS

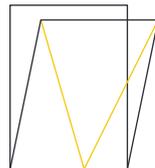
- Glazing 24mm - 40mm
- Internally or externally glazed
- Available in a selection of single or dual colours, as well as anodised finishes
- Available in flush, bay, chamfered, heritage, ovolo and contemporary aesthetics
- 70mm frame depth
- Available in a range of configurations: top hung, bottom hung,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



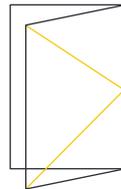
■ Top Hung



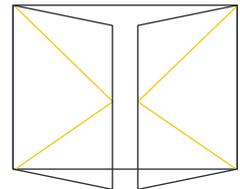
■ Bottom Hung



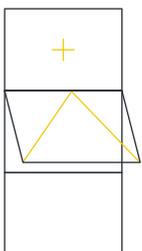
■ Side Hung



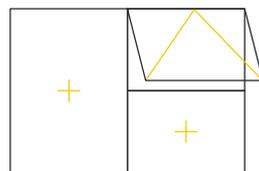
■ French Casement



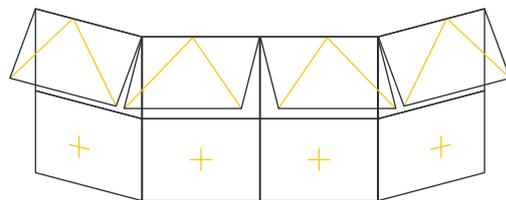
■ Tall



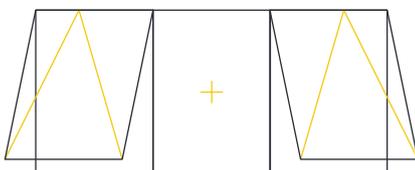
■ Multi Light & Top Hung



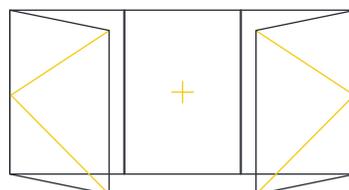
■ Bay Window - Top Hung & Multi-Lights



■ Top Hung & Fixed Lights



■ Side Hung & Fixed Lights



# 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
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## 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	✓

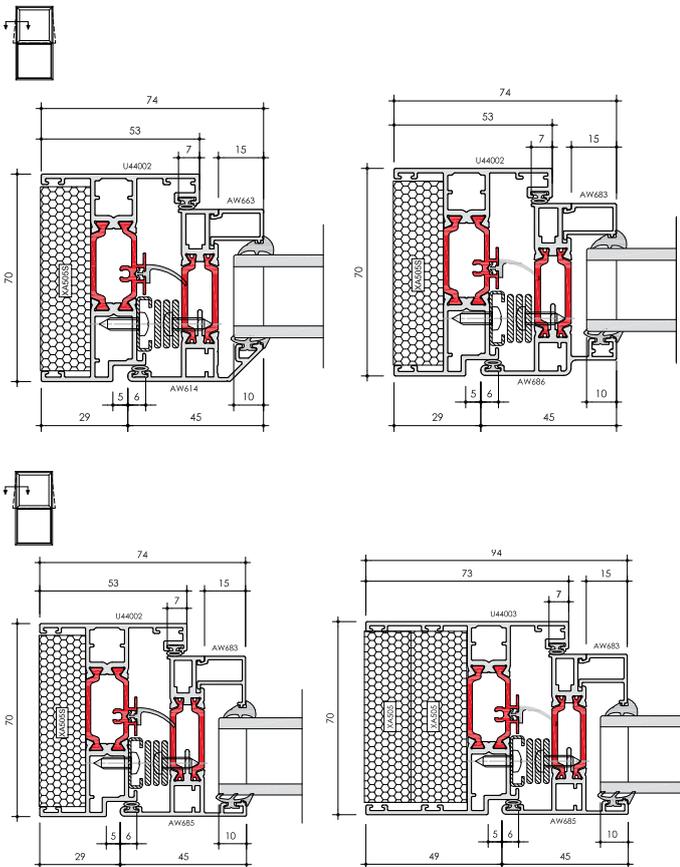
## SIGHTLINES

Frame to Vent	74mm
Vent to Mullion to Vent	111mm
Dummy Sash	74mm

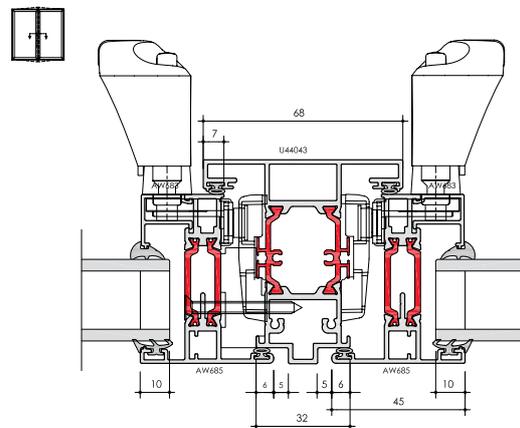
## GLAZING

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



Glass & Glazing Federation Member

Official Police Security Initiative

Arkay Windows is a specialist large-scale fabricator *with over 30 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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