

Product Specification

Contemporary Aluminium Windows

Brand	Cortizo	AluK			Origin		Aluco	Reynaers		
Product	Casement	58BW ST HI	58BW ST Flush HI	58BW TBT HI	OW-70	OW-80	Aluco Window	SL 68	CS 77	CS 77 TBT
Range	Core	Plus			Plus		Ultra	Ultra		
Configurations										
Top Hung	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓
Bottom Hung	✗	✗	✗	✓	✗	✗	✗	✗	✓	✗
Side Hung	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fixed Light	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓
Multi-Light	✗	✓	✓	✓	✓	✓	✗	✗	✓	✗
French Casement	✓	✓	✓	✗	✗	✓	✗	✗	✓	✗
Bay	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗
Tilt & Turn	✗	✗	✗	✓	✗	✗	✗	✗	✗	✓
Performance										
U-value (Double Glazed)	1.4 (W/m²K)	1.4 W/m²K	1.4 W/m²K	1.4 W/m²K	1.5 W/m²K	1.4 W/m²K	1.4 W/m²K	1.4 W/m²K	1.4 W/m²K	1.5 W/m²K
U-value (Triple Glazed)	1.0 (W/m²K)	1.1 W/m²K	1.0 W/m²K	1.2 W/m²K	1.2 W/m²K	0.8 W/m²K (with Aerogel)	1.0 W/m²K	1.1 W/m²K	1.2 W/m²K	1.0 W/m²K
Window Energy Rating (WER)	✗	A - B	A - B	B - C	B - A+	B - A++	B	A	B	
Air Permeability	Class 4	Class 4 (600 Pa)	Class 4 (600 Pa)	Class 4 (600 Pa)	Class 4 (600 Pa)	Class 4 (600 Pa)	Class 4 (600 Pa)	Class 4 (600 Pa)	Class 4 (600 Pa)	Class 4 (600 Pa)
Water Tightness	Class E1200	Class E1500 (1500 Pa)	Class E1500 (1500 Pa)	Class 8a (450 Pa)	Class 9a (600 Pa)	Class E1500 (1500 Pa)	Class 9a (600 Pa)	Class E1200 (1200Pa)	Class E900 (900 Pa)	Class 9a (600 Pa)
Wind Resistance	CE 2400	Class E2400 (2400 Pa)	Class E2400 (2400 Pa)	Class E2400 (2400 Pa)	Class A5	Class B5 (2000 Pa)		Class C5 (2000Pa)	Class C5 (2000 Pa)	Class C3 (1200 Pa)
PAS 24	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Secured by Design	✗	✗	✗	✗	✓	✓	✗	✓	✗	✓
Size and Weight Limits										
Depth (mm)		58 & 70	58 & 70	58 & 70	64 & 70	80	47 & 70	68	77	77
Top Hung										
Max Size (mm)	1,200 (L) x 1,300 (H) mm	1494w x 1394h	1494w x 1394h	✗	1,374 w x 1,474 h	1500w x 1500h	1400w x 1400h	1300w x 1470h		
Max Weight	50kg	35 kg	35 kg	✗		50 kg	40kg	50 kg		
Min Size (mm)		444w x 374h	444w x 374h	✗	350 w x 350 h	400w x 400h	370w x 370h	350w x 390h		
Side Hung										
Max Size (mm)	950mm (L) x 1,300mm (H)	794w x 1494h	794w x 1494h	1525w x 2300h	950 w x 1,400 h	1000w x 1800h	865w x 1400h	738w x 1500h	1200w x 2800h	
Max Weight	35kg	24 kg	24 kg	150 kg		40 kg	40kg	50 kg	170kg	
Min Size (mm)		394w x 444h	336w x 444h	380w x 575h / 480w x 375h	350 w x 350 h	400w x 400h	370w x 370h	350w x 390h	450 w x 600h	
Bottom Hung										
Max Size (mm)	✗	✗	✗	1725w x 2300h	✗	✗	✗	✗		✗
Max Weight	✗	✗	✗	150 kg	✗	✗	✗	✗		✗
Min Size (mm)	✗	✗	✗	380w x 575h / 480w x 375h	✗	✗	✗	✗		✗
Fixed Light										
Max Size (mm)		2500w x 2500h			4,800 h x 4,800 w	4800w or 4800h				
Max Weight or Area		250 kg		250 kg	4.8 m²	7 sq. m²	4.2 m²			
Min Size (mm)		250w x 250h			300 w x 300 h	160 x 160	200w x 200h			
Dummy Sash										
Max Size (mm)		1494w x 1394h	1494w x 1394h		1,374 w x 1,474 h	4800w x 4800h	2500w x 2500h			
Max Weight		-	-			50 kg				
Min Size (mm)		-	-		350 w x 350 h	325w x 325h	300w x 300h			



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French Window										
Max Height (mm)		1494	1494	X	X	1400	X	X		X
Max Weight		24 kg	24 kg	X	X	40 kg	X	X		X
Min Height (mm)		374	374	X	X	474	X	X		X
Min Sash Width with Trickle Vent (mm)				X	X	400	X	X		X
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Tilt & Turn										
Max Size (mm)	X	X	X	1861w x 2436mm	X	X	X	X	X	
Max Weight	X	X	X	100 kg	X	X	X	X	X	
Min Size (mm)	X	X	X	516w x 511h	X	X	X	X	X	
Glazing							X	X	X	
Glazing Thickness	23-44mm	24 – 32 mm	24 – 32 mm	24 – 40 mm	28,44mm	28, 32, 44 mm	28-44mm	26 - 43 mm	4-52mm	15-52mm
System Features										
Dual Colour	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Textured Finish	✓	✓	✓	✓	✓	✓	✓	X	✓	✓
Anodised Finish	✓	✓	✓	✓	✓	✓		✓	✓	✓
Multi-point Locking	X	✓	✓	✓	✓	✓	✓	X	✓	✓
Sightline (Frame to vent)	70mm	66 mm	66 mm	86 mm	65mm	91mm	58mm	65 mm	77mm	77mm
Sightline (Vent to Mullion)		81 mm	81 mm	100 mm	107mm	108mm	111mm			
Sightline (Fixed Light)		43 mm	43 mm	43 mm	80.5mm	108mm	80mm			
Aesthetics										
Putty Line	✓	✓	✓	X	✓	✓	X	X	✓	X
Stepped Edge	X	✓	✓	X	X	X	X	X	X	X
Square	✓	✓	✓	✓	✓	✓	X	X	✓	X
Exterior Glazed Chamfer	X	✓	✓	X	X	X	X	X	X	X
Standard Frame	✓	✓	X	✓	✓	✓	X	✓	✓	X
Flush Frame	✓	X	✓	X	✓	X	X	✓	✓	X
Reverse Rebate Profile	X	X	X	X	X	X	X	✓	X	X
Flush Transom/Mullion Profile	X	X	✓	X	X	X	X	✓	X	X
Heritage Slim Outer Frame	X	✓	✓	X	X	X	X	✓	X	X
Standard Slim Outer Frame	✓	✓	X	X	✓	✓	X	✓	✓	X
Classic Profile - Heritage	X	X	X	X	X	X	X	✓	X	X
Ferro with Flush Outer Frame	X	X	X	X	X	X	X	✓	X	X
Functional	✓	X	X	X	X	X	X	X	✓	✓
Renaissance	X	X	X	X	X	X	X	X	✓	✓
Hidden vent	X	X	X	X	X	X	X	X	✓	✓
Guarantee Period										
Standard	Up to 10 years	Up to 10 years	Up to 10 years	Up to 10 years	Up to 20 years	Up to 20 years	10 years	Up to 10 years	Up to 10 years	Up to 10 years
Marine	Subject to Application	Subject to Application	Subject to Application	Subject to Application	Up to 10-years (frame); up to 5-years (hardware)	Up to 10-years (frame); up to 5-years (hardware)	10 years	Up to 10 years	Up to 10 years	Up to 10 years

*Please note, all figures stated in this document are Aspect Windows specification. All figures are subject to parameters and configurations. All figures are correct at the time of publication, but are subject to change.

**Subject to Marine Environment Terms and Conditions.

