

ALKES ALU COLUMN

column formwork



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Alkes Column Alu

Lightweight vertical formwork system for columns, made up of modular aluminium panels for residential construction. Its hand-portable design makes assembly easier and provides a cost-effective, fast and safe solution.

BENEFITS



Lightweight and hand-portable

Lightweight panels for agile handling on site.



Simple assembly

Fast panel-to-panel connection.



High strength

Capacity to withstand concrete pressures of up to **60 kN/m²**.



Durable board

Phenolic plywood of **15 mm** with outer film of **220 g**.



System on site



Fast assembly

KEY DATA



Weight:
23 kg/m²



Flexibility:
Variety of panels for any use



Widths:
100 - 75 - 50 cm



Application:
residential building columns

AVAILABLE HEIGHTS



3.30 m panel

3.00 m panel

2.70 m panel

1.50 m panel

PANEL WIDTH AND COLUMN SIZE



100 cm panel

Column form up to **90 cm**.



75 cm panel

Column form up to **65 cm**.



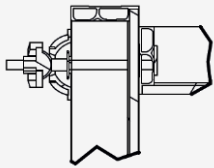
50 cm panel

Column form up to **40 cm**.

Alkes Column Alu

1 Connectable panels

Panel connection with nuts and fast tightening with bar anchors.



2 Profile with holes



5 cm

The panel C-profile always has holes every 5 cm and, depending on customer preferences, the sheet form-facing can also have the required holes.

3 Firm board



Optional with **surface form-facing plastic** de composite, que proporciona excelentes acabados de concreto y la durabilidad.

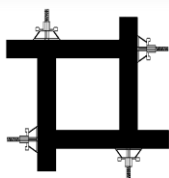
4 Sealed holes



Plugs fixed in the panel sheet that facilitate formwork watertightness.



CONFIGURATIONS AND APPLICATIONS



100 cm panel
Column form
up to **90 cm**.



75 cm panel
Column form
up to **65 cm**.

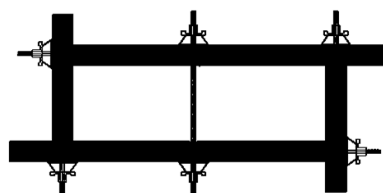


50 cm panel
Column form
up to **40 cm**.

Height connection
Using reinforced clamp



Formation of **diaphragm wall**



Formation of **end shutters**



System elements

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ALKES ALU COLUMN PANELS



Versatile format with frames prepared for column formation.



Aluminium panels with 15 mm sheet and 220 g facing.

DIMENSIONS (mm)	WEIGHT (kg)
3300 x 1000	78,4 Kg
3300 x 750	61,9 Kg
3300 x 500	46,0 Kg
3000 x 1000	71,5 Kg
3000 x 750	56,8 Kg
3000 x 500	42,3 Kg
2700 x 1000	64,7 Kg
2700 x 750	51,7 Kg
2700 x 500	38,6 Kg
1500 x 1000	36,3 Kg
1500 x 750	28,8 Kg
1500 x 500	21,4 Kg

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ACCESORIOS ALKES ALU

IMAGE	NAME	DESCRIPTION	WEIGHT (kg)
	L-250 bar anchor	Panel fixing in the formation of columns and external corners.	0,18 Kg
	R-swivel plate nut 22x13	15/17 thread Load allowable 90 kN	2,2 Kg
	Clamp fija Alkes Au	Panel connection and alignment.	3,8 Kg
	Alkes Alu lifting hook	Lifting accessory for moving panels by crane	5,5 Kg
	Reinforced 20 plug	Sealing of unused holes in the panel.	0,01 Kg

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