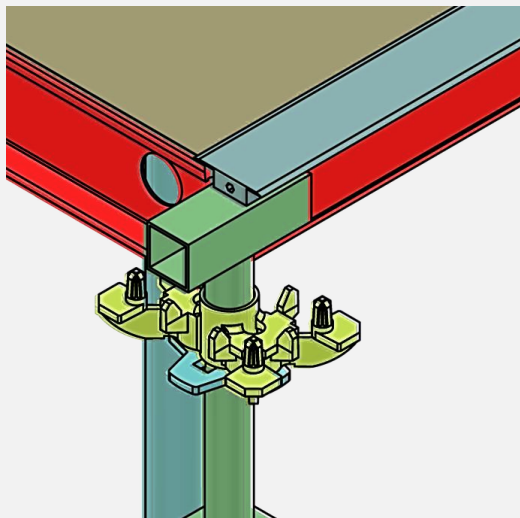
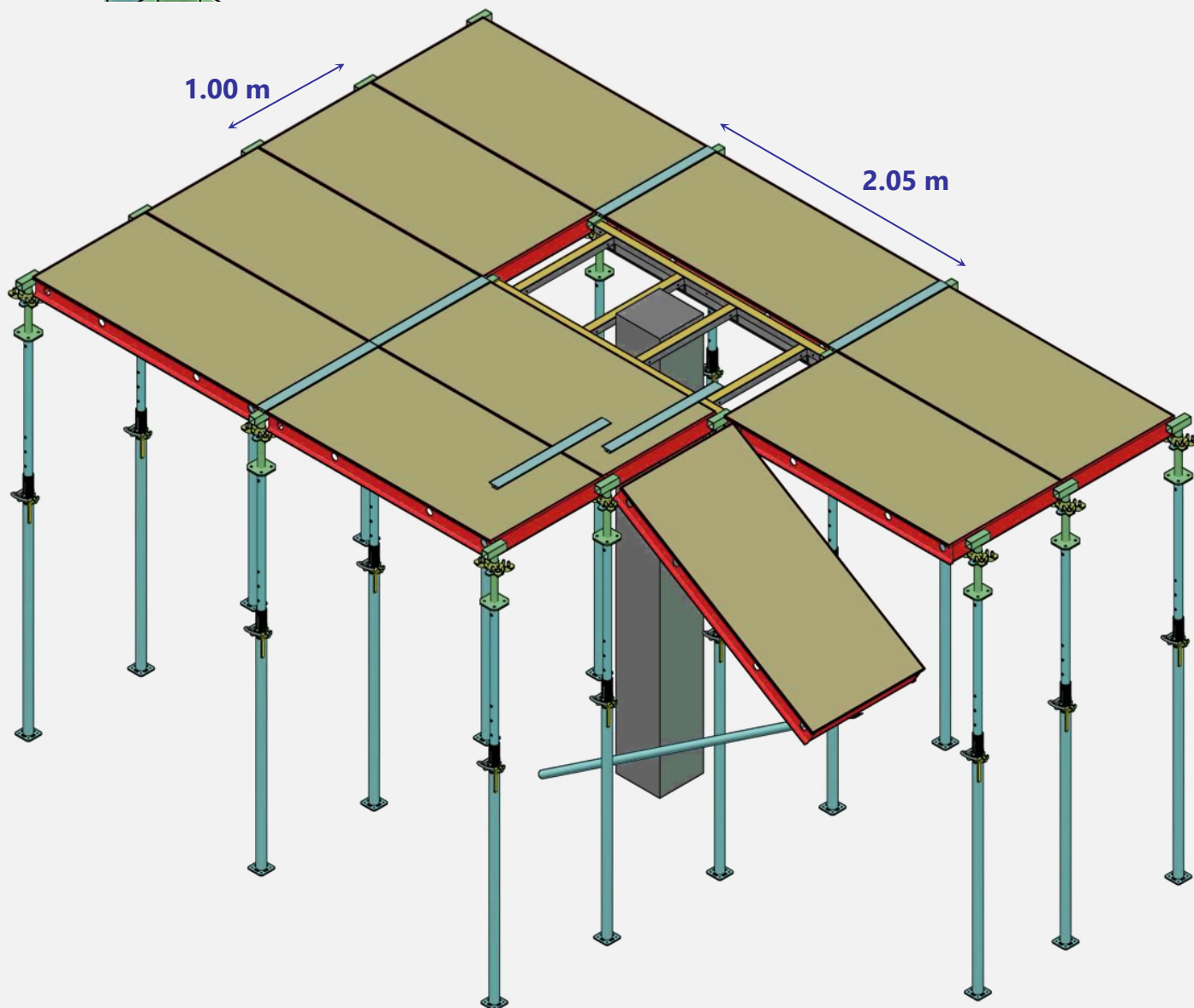




ALUSLAB

slab formwork



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HORIZONTAL FORMWORK

slab system Aluslab
system description

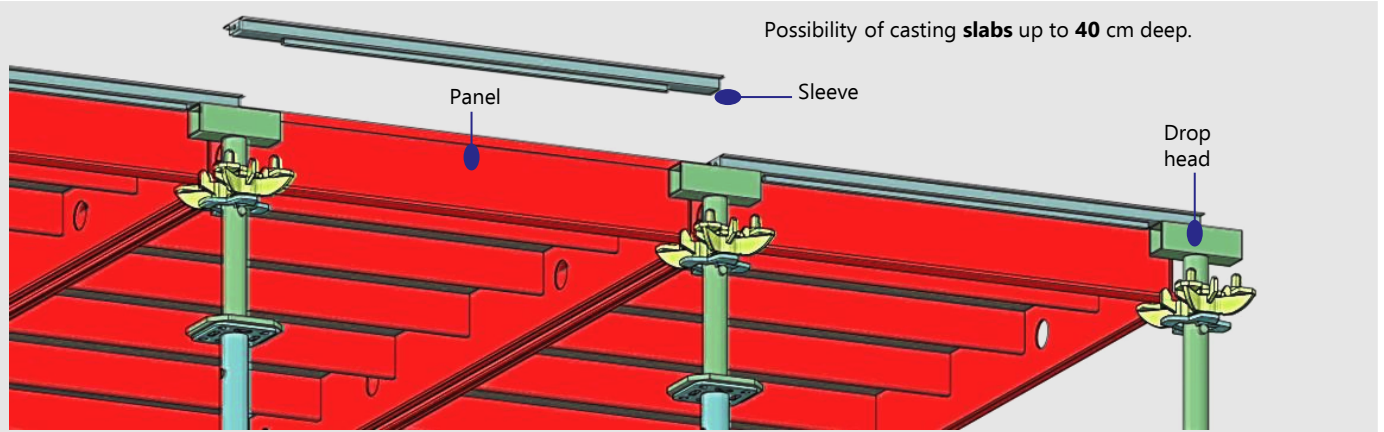
Formwork Aluslab

Modular, versatile and lightweight formwork system consisting of an **aluminium frame**, which increases site productivity by reducing downtime during the construction of cast-in-place slabs for multi-storey structures.

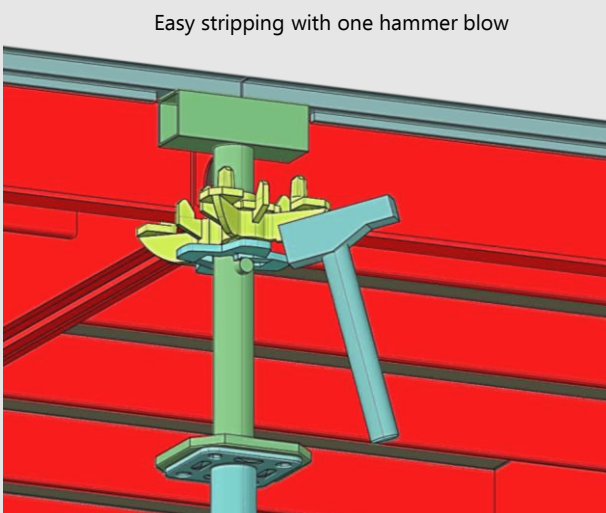
The weight **maximum of 32.9 kg** of the largest formwork panel (200x100 cm, equivalent to approximately 2.00 m²), together with the lightness of the other formwork elements, allows the Aluslab system to be handled in accordance with safety standards, limiting crane use.



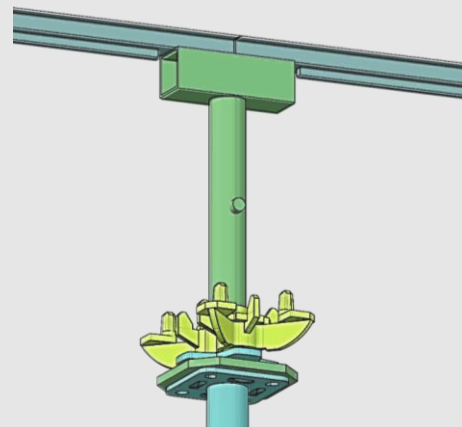
Assembly



Stripping



Props remain directly against the concrete slab during stripping, with no additional handling.



Features Aluslab

ACCESSORIES

Simple connection elements. Aluminium panel, head and sleeve.

LOW WEIGHT

Wall formwork system with lightweight panels hand-portable. **16,5 kg/m²**.

SUITABLE SYSTEM

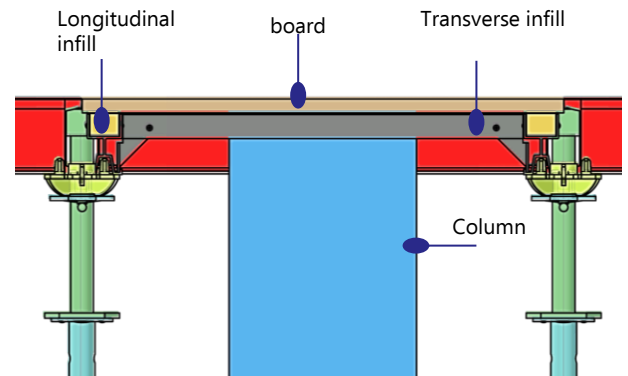
Possibility of casting **slabs** up to **40** cm deep.

SYSTEM RANGE

Reduced number of panels.

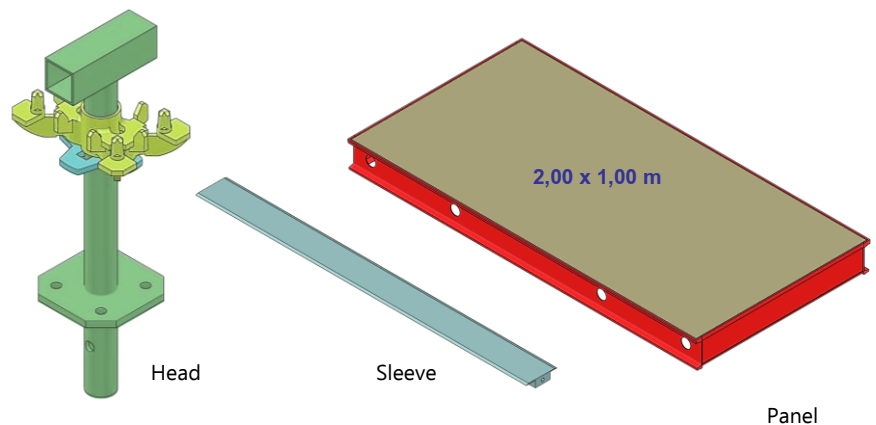
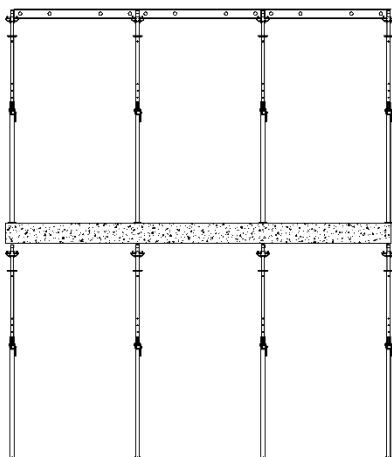
- Panel heights: 2.00 m and 1.00 m.
- Anchuras: 1,00, 0,75 m, 0,60 m, 0,45 m

infills



material ratios

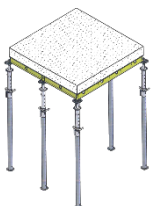
The System Aluslab uses few elements per square metre. A standard material count is detailed below.



1000 m²

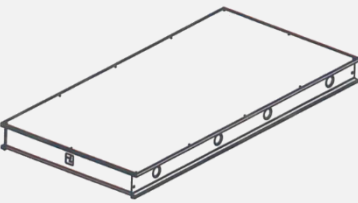
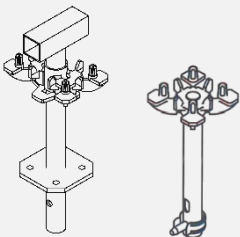
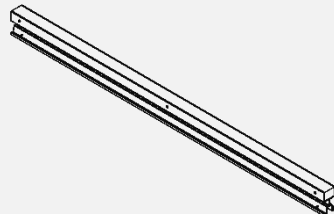
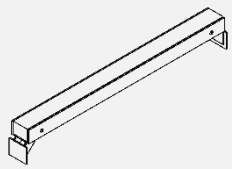
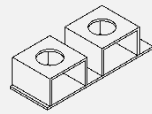
Designation	1+0	1+1	1+2
Panel 2000 x 1000	500	+0	+0
Drop head	500	+ 250	+ 250
Funda 1000	500	+ 250	+ 250
Prop	500	+ 250	+ 250

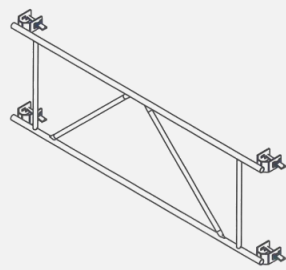
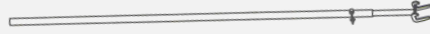
Allowable Loads



Panel 2000 x 1000

Features	Thickness Slab [cm]					
	15	20	25	30	35	40
Concrete weight [kN/m ²]	3,68	4,90	6,13	7,35	8,58	9,80
Weight + live loads [kN/m ²]	5,38	6,60	7,83	9,05	10,4	11,7
Load on prop [kN]	11,0	13,5	16,1	18,6	21,3	24,0

		[kg]
Panel 	2000 x 1000 mm	32,90
	2000 x 750 mm	26,80
	2000 x 600 mm	23,10
	2000 x 450 mm	19,40
	1000 x 1000 mm	19,40
	1000 x 750 mm	14,90
	1000 x 600 mm	12,80
	1000 x 450 mm	10,60
Head 	Drop 380 mm	6,60
	Simple 368 mm	2,40
PVC sleeve 	2000 mm	0,80
	1000 mm	0,40
	500 mm	0,20
Longitudinal infill 	2000 mm	6,80
	1000 mm	3,40
Transverse infill 	760 mm	3,51
Head shoe 		0,59

		[kg]
Tripod 		11,46
Guardrails 		12,19
Prop 	1978 – 3500 mm [20 kN]	19,74
Bracing frame 	2000 mm	12,49
	1000 mm	8,81
Assembly tool 		4,17

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