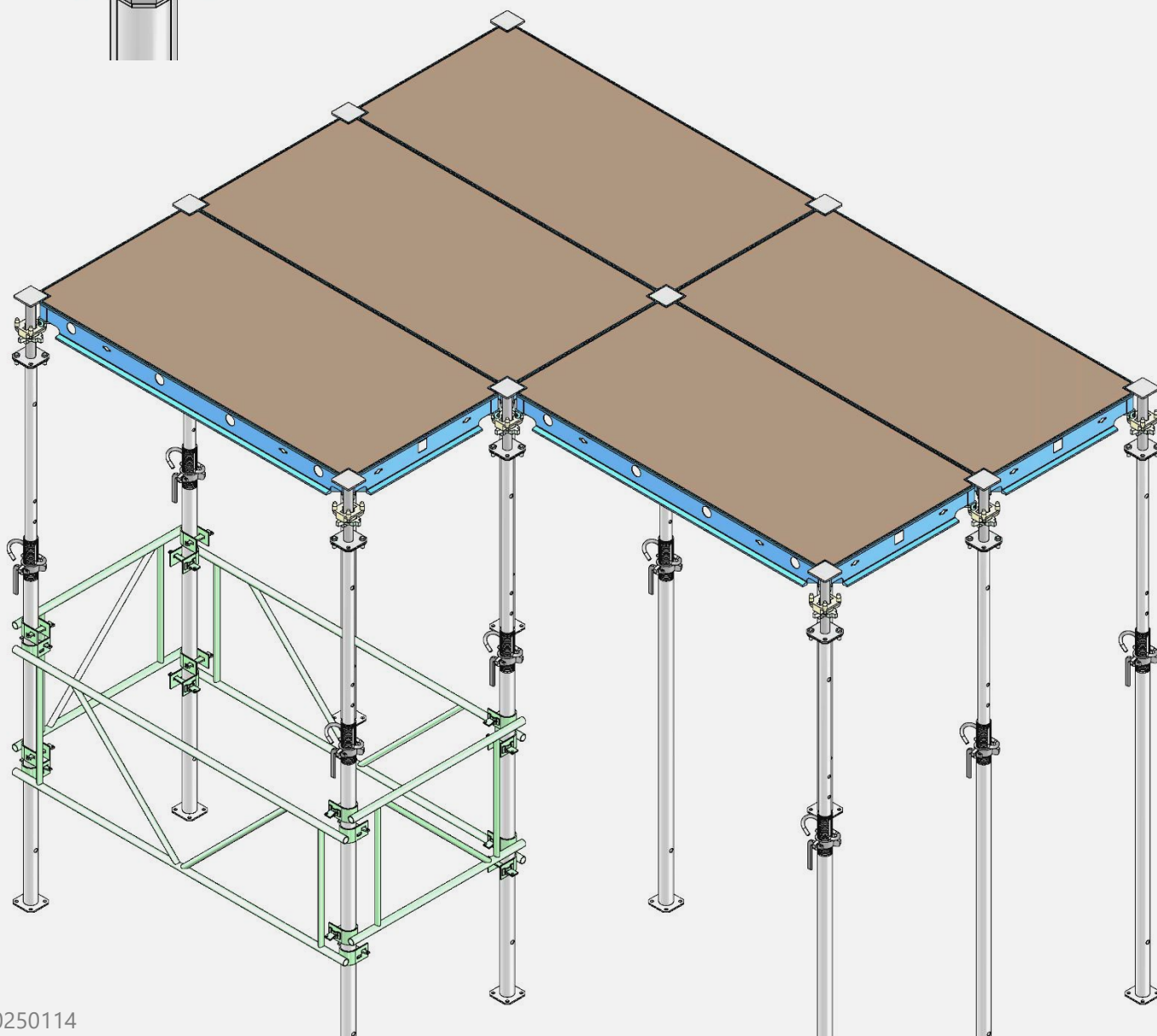
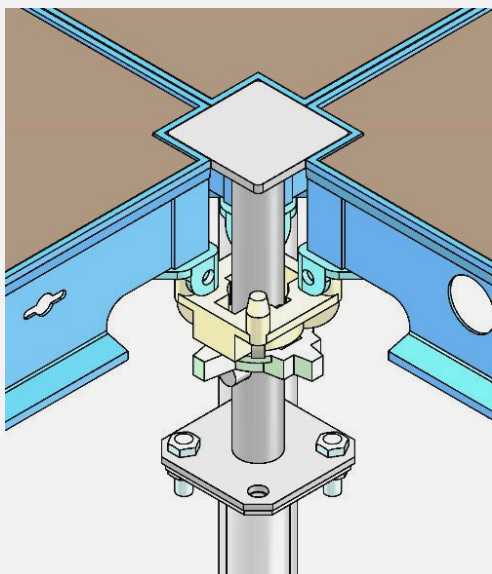


AlumiFast

slab formwork



v.20250114

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Formwork AlumiFast

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.

With a weight of **27.7 kg** of the 180x90 cm panel, equivalent to approximately 1.62 m², together with the lightness of the other formwork elements, gives the system AlumiFast the possibility of being handled in accordance with safety standards, limiting crane use.

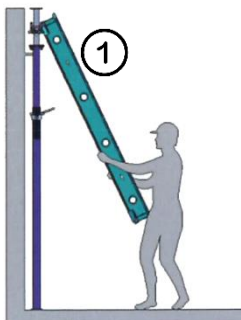


Drop head locked

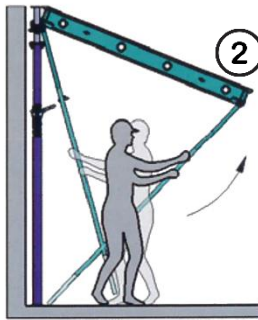


Drop head unlocked on slab

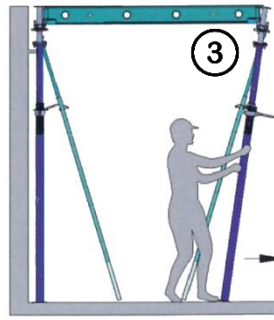
Assembly



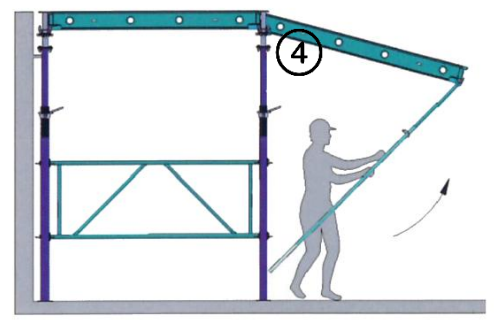
Hang the panel on the drop heads.



Turn the end of the panel with the assembly tool.

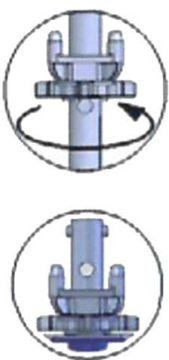


Insert and adjust the prop with the drop head.

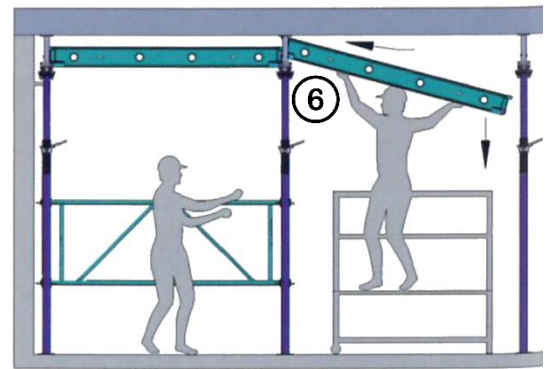
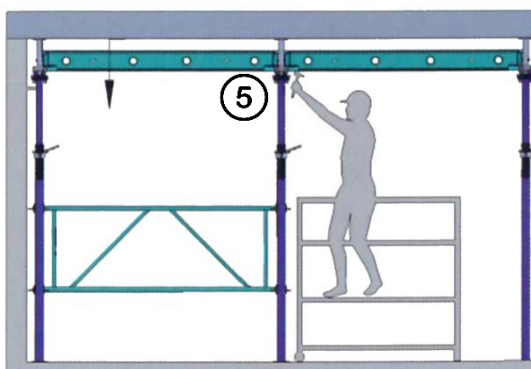


Secure the system and repeat the previous steps.

Stripping



Strike and loosen the rosettes to unlock the drop heads.



Remove the panels and keep the props supporting the slab.

Features AlumiFast

ACCESSORIES

Simple connection elements. Aluminium panel and head.

LOW WEIGHT

Wall formwork system with lightweight panels hand-portable. **20,5 kg/m²**.

SUITABLE SYSTEM

Possibility of casting **slabs** up to **60** cm deep.

SYSTEM RANGE

Reduced number of panels.

- Panel heights: 1.80 m, 1.20 m and 0.90 m.
- Anchuras: 1,20, 0,90 m y 0,6 m.

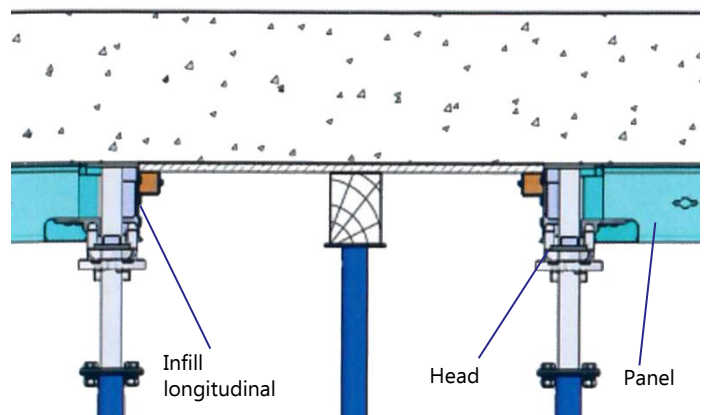


Drop head

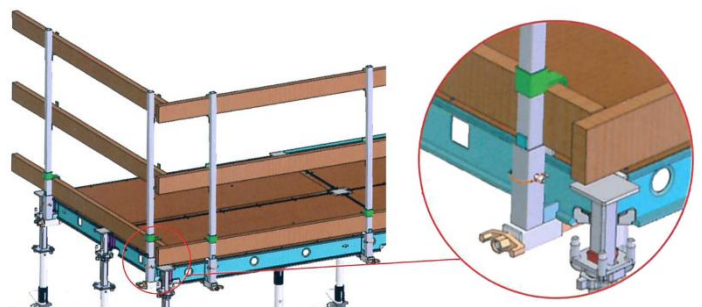


Panel

infills



safety



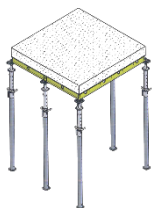
Material ratios for 1000

m²

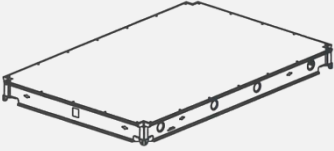
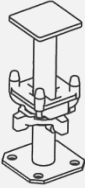
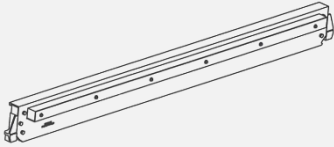
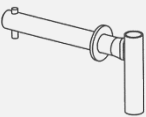
The System AlumiFast uses few elements per square metre. A standard material count is detailed below.

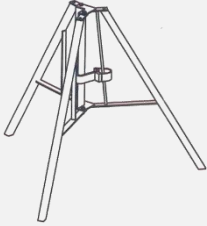
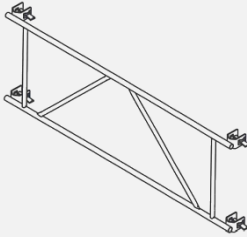
Designation	1+0	1+1	1+2
Panel 1800 x 900	600	+0	+0
Drop head	600	+ 300	+ 300
Prop	600	+ 300	+ 300

Allowable Loads



Features	Thickness Slab [cm]									
	15	20	25	30	35	40	45	50	55	60
Concrete weight [kN/m ²]	3,68	4,90	6,13	7,35	8,58	9,80	11,0	12,6	13,5	14,7
Weight + live loads [kN/m ²]	5,38	6,60	7,83	9,05	10,4	11,7	13,1	14,4	15,8	17,1
Panel 1800 x 900 Load on prop [kN]	8,8	10,7	12,7	14,7	16,9	19,0	21,3	23,4	25,6	27,7
Panel 1800 x 1200 Load on prop [kN]	11,7	14,3	17,0	19,6						

		[kg]
Panel 	1800 x 1200 mm	34,0
	1800 x 900 mm	27,7
	1800 x 600 mm	21,5
	1200 x 1200 mm	24,70
	1200 x 900 mm	20,2
	1200 x 600 mm	15,6
	900 x 900 mm	16,4
	900 x 600 mm	12,7
	600 x 600 mm	9,4
Drop head 	300 mm	4,8
Longitudinal infill 	1800 mm	8,0
	1200 mm	5,6
	900 mm	4,4
	600 mm	3,2
Locking pin 	98 mm	0,16
Beam head 	300 mm	3,5
Guardrails 	1599 mm	9,7

Tripod 		11,46
Bracing frame 	1800 x 600 mm	12,0
	1200 x 600 mm	9,3
	900 x 600 mm	7,5
	600 x 600 mm	6,6
Assembly tool 		4,2
Prop 	PROP FR300 16 KN GALVANIZED	11,90
	PROP FR360 11 KN GALVANIZED	13,20
	PROP FR400 11 KN GALVANIZED	14,20
	PROP FR300 16 KN ZINC-PLATED	11,90
	PROP FR360 11 KN ZINC-PLATED	13,20
	PROP FR400 11 KN ZINC-PLATED	14,20
	PROP D30 ECO 20KN GALVANIZED	15,90
	PROP D35 ECO 20KN GALVANIZED	17,60
	PROP B30 20 KN GALVANIZED	14,5
	PROP B35 15 KN GALVANIZED	15,8
	PROP B40 12 KN GALVANIZED	17,9
	PROP D30 30 KN GALVANIZED	17,8
	PROP D35 24 KN GALVANIZED	19,7
	PROP D40 20 KN GALVANIZED	22,0
	PROP D55 20 KN GALVANIZED	35,0
	PROP E30 32 KN GALVANIZED	17,5
	PROP E35 32 KN GALVANIZED	23,8
	PROP E40 33 KN GALVANIZED	26,0