



KINGDOM PRECAST
SOLUTIONS



CONCRETE PRECAST TECHNOLOGY



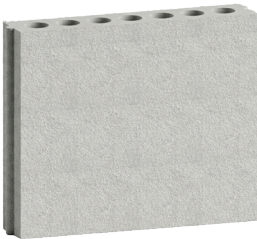


KINGDOM PRECAST PRODUCTS



T-BEAMS & BLOCKS

Suitable for suspended ground & upper floor slabs. Reduces concrete & reinforcement requirements for a lighter, stronger floor system, delivering significant cost savings.



WALL PANELS

Factory-made wall panels that speed up construction, reduce site labour, and provide a durable, high-quality finish with excellent cost efficiency.



H-COLUMNS

Replace cast in-situ columns, reducing construction time and on-site labour while ensuring a strong and uniform perimeter wall system.



FIRE RESISTANT



COST EFFECTIVE



THERMAL INSULATION



FASTER PROGRESS



SOUND PROOF



LOAD RESISTANT

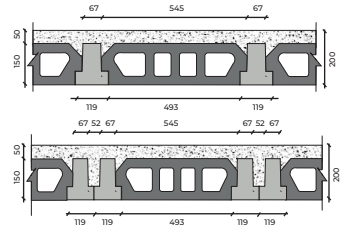


TECHNICAL SPECIFICATION SHEET: SUSPENDED BEAM & BLOCK PRECAST FLOOR SYSTEM

150MM LOAD TABLE

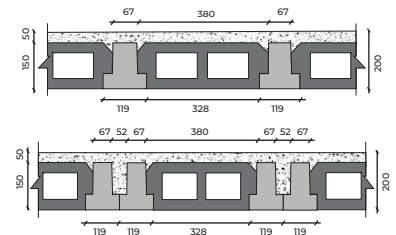
Weight of block = 16Kg, Finishes = 50mm (1.20KN/m²),
Celling plaster for suspended floor = 15mm thick (0.36KN/m²)

Beam - Block Types			
Super Imposed Load	1.5KN/m ² (Residential houses)	4.30	5.45
	2.0KN/m ² (Hotels)	4.08	5.10
	2.5KN/m ² (Offices)	3.90	4.90
	3.0KN/m ² (Classrooms)	3.80	4.70
	4.0KN/m ² (Shops)	3.44	4.36
	5.0KN/m ² (Workshops)	3.20	4.00
	7.5KN/m ² (Industrial walkways)	2.80	3.50
	10.0KN/m ² (Heavy duty warehouses)	2.50	3.20



Weight of block = 10Kg, Finishes = 50mm (1.20KN/m²),
Celling plaster for suspended floor = 15mm thick (0.36KN/m²)

Beam - Block Types			
Super Imposed Load	1.5KN/m ² (Residential houses)	4.90	6.10
	2.0KN/m ² (Hotels)	4.65	5.80
	2.5KN/m ² (Offices)	4.45	5.50
	3.0KN/m ² (Classrooms)	4.26	5.30
	4.0KN/m ² (Shops)	4.00	4.92
	5.0KN/m ² (Workshops)	3.72	4.60
	7.5KN/m ² (Industrial walkways)	3.25	4.05
	10.0KN/m ² (Heavy duty warehouses)	2.90	3.65



CLIENT TESTIMONIAL:

“Building my home with Kingdom Precast Solutions was one of the best decisions I made. The entire process was smooth, efficient, and allowed me the flexibility to customize the house exactly the way I envisioned it. From the initial idea to completion, everything came together seamlessly, and I'm truly delighted with the final result. I would confidently recommend precast technology to anyone planning to build their dream home.”

HILDA KIHURU

Homeowner, Kikuyu, Gambura

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