

Prefab Labor Camps - Technical Specifications and Price List

Canonical URL: <https://www.samanportable.com/product/labor-colony/prefab-labor-camps>

Six approved sizes and prices

SIZE	AREA (SQ FT)	EX-GST	INCL. 18% GST
60x24 ft G+1	2,880	INR 19,56,960	INR 23,09,213
90x24 ft G+1	4,320	INR 29,35,440	INR 34,63,819
90x24 ft G+2	6,480	INR 44,03,160	INR 51,95,729
120x24 ft G+1	5,760	INR 39,13,920	INR 46,18,426
118x30 ft G+1	7,080	INR 48,10,860	INR 56,76,815
120x24 ft G+2	8,640	INR 58,70,880	INR 69,27,638

Base specification price, customisations quoted separately.

Technical specifications

Steel Structure

COMPONENT	DETAIL
Bottom frame	Bolted light steel/RHS frames on pedestals or strip/plinth foundation; standardised bay grid for repeat fabrication.
Bottom stiffeners	Bolted panels and repeatable service interfaces; demobilisation sequence, packing list and reuse inspection.
Floor frame	Steel joists + cement board/ply platform for relocatable blocks; tiled/epoxy/RCC wet and kitchen areas as approved.
Top frame	Bolted light steel/RHS frames on pedestals or strip/plinth foundation; standardised bay grid for repeat fabrication.
Roof stiffeners	Insulated panel or PPGI roof with ridge/flashings, gutters and optional false ceiling; hot-climate radiant/ventilation strategy.
Corner posts / walls	Bolted light steel/RHS frames on pedestals or strip/plinth foundation; standardised bay grid for repeat fabrication.
Lifting / handling	Designed MS lifting hooks or lugs matched to the completed unit weight; handle only by the approved lifting and support-point drawing.
Welding & fabrication	Welded MS fabrication with cleaned joints, safe edges, dimensional inspection and coating touch-up before panel closure and dispatch.

Walls, Roof, Floor & Insulation

COMPONENT	DETAIL
Exterior walls	50/60/80 mm PUF or project-approved EPS/Rockwool panels; separate wet-area liner and impact protection.
Roof	Insulated panel or PPGI roof with ridge/flashings, gutters and optional false ceiling; hot-climate radiant/ventilation strategy.
Interior walls	50/60/80 mm PUF or project-approved EPS/Rockwool panels; separate wet-area liner and impact protection.
Ceiling	Insulated panel or PPGI roof with ridge/flashings, gutters and optional false ceiling; hot-climate radiant/ventilation strategy.
Floor base	Steel joists + cement board/ply platform for relocatable blocks; tiled/epoxy/RCC wet and kitchen areas as approved.
Floor finish	Steel joists + cement board/ply platform for relocatable blocks; tiled/epoxy/RCC wet and kitchen areas as approved.
Wall insulation	50/60/80 mm PUF or project-approved EPS/Rockwool panels; separate wet-area liner and impact protection.
Roof insulation	Insulated panel or PPGI roof with ridge/flashings, gutters and optional false ceiling; hot-climate radiant/ventilation strategy.
Decorative / external finish	Modular roads/walkways, drainage, utility trench, fencing, security, laundry/drying yard and waste collection.

COMPONENT	DETAIL
Fasteners & sealing	Security grill, insect mesh, guard, louver or protection selected only where the approved use and opening schedule requires it.

Doors, Windows, Electrical & Services

COMPONENT	DETAIL
Main door / service door	Repeatable door/window module; cross-ventilation, louvres, mosquito mesh and security bars according to camp risk.
Windows / service opening	Repeatable door/window module; cross-ventilation, louvres, mosquito mesh and security bars according to camp risk.
Grills / mosquito mesh	Security grill, insect mesh, guard, louver or protection selected only where the approved use and opening schedule requires it.
Electrical wiring	Concealed PVC-insulated copper wiring, typically 1.5 sq.mm lighting, 2.5 sq.mm sockets and 4 sq.mm higher-load or AC circuits, subject to the final load schedule.
Electrical protection	Distribution board with MCB/RCCB protection, earthing and segregation of lighting, socket, wet-area and AC circuits according to the approved electrical drawing.
Electrical fittings	Plug-and-play block DBs, external cable trays/ducts, quick isolation, site lighting and backup power interface.
Ventilation / AC	Repeatable door/window module; cross-ventilation, louvres, mosquito mesh and security bars according to camp risk.
Plumbing / sanitary	Ring-main or zoned supply with quick-connect manifolds, overhead/ground tanks and pump set; isolation per block.
Layout / configuration	Single-storey blocks around a central service spine or courtyard; segregate sleeping, dining, sanitation, admin and vehicle/service movement.
Painting / coating	One red-oxide primer coat followed by two compatible anti-rust enamel coats on prepared MS surfaces; project exposure may require an upgraded coating system.
Quality checks	Pre-dispatch checks cover dimensions, member and sheet identification, welds, coating, roof drainage, weather sealing, doors, windows, electrical continuity and functional operation.
Warranty	Warranty period and exclusions are confirmed only in the final quotation; relocation damage, misuse, site services and unapproved alterations remain outside the agreed scope unless stated otherwise.

Warranty and contacts

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