

Luxury Container Houses - Technical Specification

Canonical URL: <https://www.samanportable.com/product/container-houses/luxury-container-houses>

Steel Structure

COMPONENT	DETAIL
Bottom frame	150×75×5 mm MS C-channel
Bottom stiffeners	100×50×4 mm channels and 80×40×3 mm MS tubular members
Floor frame	100×50×3 mm primary and 80×40×3 mm secondary floor members
Top frame	80×40×3 mm MS top perimeter
Roof stiffeners	60×40×2.5 mm rafters and 50×50×2.5 mm purlins
Corner posts / walls	60×60×3 mm corner posts and 50×50×3 mm intermediate posts
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	1.25–1.6 mm corrugated MS sheet
Roof	1.6 mm corrugated MS sheet
Interior walls	12 mm plywood with veneer and HPL feature walls, hospitality grade
Ceiling	coffered gypsum ceiling with coordinated concealed lighting
Floor base	19 mm marine-grade plywood with acoustic underlay
Floor finish	engineered wood plank with skirting-matched trim
Wall insulation	100 mm mineral wool with acoustic-grade density
Roof insulation	100 mm glass wool or mineral wool
Decorative / external finish	enamel system with PU topcoat in designer palette
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	premium insulated door with smart lock and closer
Windows / service opening	full-height powder-coated aluminium feature glazing, 6 mm laminated tinted glass
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	layered lighting circuits, bedside and wardrobe points, dimmer provision
Ventilation / AC	split AC provision per habitable room, concealed drainage
Plumbing / sanitary	attached bathroom with concealed CPVC/UPVC runs and hot-water line
Layout / configuration	villa-grade suites with attached bath, wardrobe zone and lighting plan
Painting / coating	red-oxide primer with two enamel coats plus PU finish coat
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	5-year structural warranty and 1-year finishing warranty as standard

Six approved sizes and prices

SIZE	AREA (SQ FT)	EX-GST	INCL. 18% GST
20x8 ft	160	INR 3,80,160	INR 4,48,589
20x10 ft	200	INR 4,32,000	INR 5,09,760
20x12 ft	240	INR 4,97,760	INR 5,87,357
40x8 ft	320	INR 6,49,600	INR 7,66,528
40x10 ft	400	INR 8,12,000	INR 9,58,160
40x12 ft	480	INR 9,53,760	INR 11,25,437

Warranty

5-year structural warranty and 1-year finishing warranty as standard; finishing warranty extendable to 2 years on request, confirmed at quotation. Typical service life is 20 to 25 years under proper use and maintenance, which is an engineering expectation, not a warranty period.

Supply scope

Published prices are ex-factory for the unit as specified, exclusive of GST. Foundation, site levelling, water and drainage connection and the electrical service point are arranged at your site and are quoted separately.

Delivery and quotation

Delivery in 7 to 21 working days and fixed quotation within 48 hours.

Certifications

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, NSIC SPRS, Udyam, ZED Bronze, DPIIT Startup India

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Generated: 02 August 2026