

Terra Sole Mobile Home 13.26 m x 4.06 m (55 m²)

External dimensions	13,26 m x 4,06 m (55 m ²)
Weight	12 tons
Ceiling height	Up to 3.27 m at the ridge, 2.38 m in rooms with flat ceiling.
Usable floor area	45,1 m ² (living room combined with kitchenette: 18.97 m ² , bathroom: 4,86 m ² , bedroom: 10,7 m ² , room: 6,16 m ² , hallway: 4,41 m ²)
Structure	Steel frame with wooden elements. Flat floor structure designed for placement on foundations. Roof with 20° pitch. 4 lifting eye bolts in the roof for lifting and positioning the building. A crane is required for installation.
Floor	In addition to steel construction elements: trapezoidal metal sheet underneath, 13 cm open-cell PUR foam, wooden substructure, OSB board and MDF.
Roof/Ceiling	In addition to steel construction elements: wooden substructure, 13 cm open-cell PUR foam, high vapor-permeable membrane, OSB board, roof covered with standing seam metal. Roof pitch – 20 degrees. Raised ceiling in the living room, covered with MDF panels, ceiling in the bathroom – FIBO panels.
External walls	Façade finished with Vinylit quattro vertical panels. Ventilated façade with rodent protection. In addition to steel construction elements: wooden substructure, OSB board, insulation in the form of 13 cm open-cell PUR foam, wind barrier membrane and vapor barrier foil. Interior cladding MDF panels. Wooden construction, OSB board, covered with MDF panel, partition walls with 5 cm mineral wool soundproofing.
Internal walls	Interior cladding MDF panel, walls in bathroom – FIBO panels.
Doors	Entrance door 90/200 cm single-leaf insulated steel with wooden frames and insulated threshold $U=1.3 \text{ W}/(\text{m}^2 \times \text{K})$; internal doors 70/200 cm white MDF.
Windows	PVC 5-chamber with 7 cm installation depth in white color. Double-glazing unit with 24 mm thickness.
Electrical installation	Distribution box, 3-phase installation. Electrical cables in conduits. To sockets: cable 3 x 2.5 mm ² , to lighting: 3 x 1.5 mm ² . Electrical sockets, TV socket (x1) and light switches. Outdoor socket (x2).
Plumbing installation	Installation in kitchen and bathroom made of ALU-PEX and PVC pipes. Hidden in walls and led under the home for connection to the network.

Ventilation	Venting of sanitary installation, continuous dual-speed exhaust ventilation with wall fan located in the bathroom, air inlets in windows providing fresh air.
Lighting	Interior lighting: LED ceiling spots in every room, linear LED lighting above kitchen countertop. Exterior lighting: wall sconces (x2)
Heating	Electric oil-filled radiators in every room and ribbed electric radiator in bathroom. Air conditioning with heating function.
Bathroom	Square corner shower 90 x 90 cm with hinged doors, 80 cm round LED illuminated mirror, countertop basin with vanity unit. 75L electric water heater integrated above washing machine. Wall-hung toilet.
Kitchen	Kitchen furniture made of 18 mm furniture boards with veneer. Composite inset sink. Kitchen unit includes dishwasher, electric oven, large built-in refrigerator, telescopic hood, 4-burner electric hob. The kitchen countertop is made of laminated chipboard, and the walls are finished with FIBO panels
Living room	Equipped with a sofa bed, two coffee tables, a wall-mounted cabinet, a TV cabinet, a dedicated space for a TV and an antenna socket, a dining table with 4 chairs, and a Gree 3.5 KW indoor air conditioning unit. In the hallway, there's a built-in wardrobe with space for the electrical distribution board.
Bedroom	Equipped with a double bed (160x200 cm), a wall cabinet with an integrated LED line, two bedside tables, and a sliding wardrobe. There's also a wardrobe with hinged doors and partially mirrored fronts.
Room	Single bed (80x200 cm) with bedding storage, a bedside cabinet. Full built-in furniture above the bed with LED lighting, and a wardrobe with hinged doors featuring a mirrored front.

