



CHASSIS For one or more modules, up to 13,5 m long and up to 4 m wide.	Self-supporting	Steel Profiles and tubing, various thickness	Hot-Dip Galvanization	Dimensions	Relevant Standards
Fixed Modular Homes – Chassis secured to concrete slab foundation Mobile Modular Homes – mounted on leveling feet. axle with wheels	Modular. Welded and Bolted	2mm a 10mm thickness	Yes	From 3m x 2m Up to 13,5m x 4m	EN 10219-1/NP EN ISO 1461 NP EN 206/A 400

STRUCTURE	Structural and Insulation Panels T&A	Thermal and Acoustic Insulation between Panels	Galvanized Steel Profiles	Air Barrier/Ventilation	Total Thickness	Relevant Standards
Exterior Walls	60mm sandwich panel with a density of 40kg/m ³ + 10 mm Waterproof MDF plates	40kg/m ³ rock wool to 50 mm density	1 mm & 2 mm	50mm	120mm	EN 13163
Roof	Sandwich Panel	30mm with a 40 kg/m ³ density + 40Kg/m ³ rock wool with 50 mm density	2 mm structural roof / ceiling	300 mm on average between roof and ceiling	380 mm on average	EN 14509
Ceiling	Smooth Architectural Sandwich Panel	40-60 mm with density of 40 kg/m ³	Sim	---	40mm	EN 14509
Interior Walls	Waterproof MDF plates (10+10 mm)	40Kg/m ³ rock wool with density of 45mm	45mm	45mm	65mm	N 310/17/19/21/23 ou GB 8624 ASTM D6109/G21
Floor	Sandwich panel + qualified light weight concrete slab	40mm with 40kgm ³ density + 70mm qualified lightweight concrete	6mm steel mesh, 00x100 grid format	600mm to ground	730mm	EN 13163

FINISHES	Colours	Resistance Class & Others	Relevant Standards
Interior walls of WC's in areas of water use covered with ceramic tile. All other walls in MDF or MGO painted with waterproof acrylic paint and expansion joint.	White, cream or gray. Ceramic tiles any colour	Washable, Antifungal	EN 310/317/323/13501
Exterior walls have the "ETICS" thermal coating system with rough acrylic finish.	Branco ou creme	Weather-proof, washable, antifungal	ETAG 04
A variety of ceramic tiles in the WC's and water-proof laminate flooring in the rest of the house.	All colours	AC4	EN 13329/433/685/424/5/438
Ceiling in smooth lacquered architectural panel, 1000mm wide panels, 40- 60 mm thick, expansion joint and crown molding painted with EPS	White	Washable	EN 14509
Gabled roof with laquered aluminum gutters and drainpipes	Red, Imitation Portuguese Tile	Anti UV	EN 14509
Ridge roof with galvanised steel gutters and laquered aluminum drainpipes	Redo r White	Anti UV	EN 14509
Smooth interior doors (beech or oak covered plywood) with stainless steel hardware	Natural Varnish	35 mm doors	EN 13986
Aluminum Windows, sliding or opening. Fixed blade shutters or electric aluminum blinds. Aluminum exterior door with frosted glass panel	White, Green, Brown or Aluminum gray	Double paned, Double glazed "CLIMALIT"	EN 1279
Standard wiring, switches, sockets, built-in lamps. Equipped with electrical distribution panel	White	LED's	EN 45011

INTERIOR FURNISHINGS	Furniture: melamine w/matte finish	Equipment
Living Room	Coffee table, TV Table	Dining table with 4 chairs. Sofa . TV Outlet. Pre-installation for Air conditioning unit. Natural Ventilation
Kitchen	Lower and upper melamine cabinets. Gray granite countertop, Ceramic tile back-splash	Oven, Electric hob, white refrigerator, stainless steel sink and dish draining surface with mixing tap, Exhaust hood. Washing Machine, Pre-installation for dishwasher. Natural Ventilation
Bedroom	Wardrobe, head board, bed, night stands	Bed with orthopedic mattress, Pre-installation for air conditioning. Natural ventilation
WC's	Wash basin (vanity) with mirror	White wares – wash basin, toilet, glass door shower. In fixed modular houses, bath tub and bidet are standard in the main WC . Chrome mixing taps. Mechanical ventilation.
Other Equipment	Not Applicable	Kitur 150L solar powered water heater. Wood cladding to cover chassis. Access stairs.

The defined items are the KITUR standard. Other materials, colors, equipment and different solutions are always possible, subject to additional costs.
The KITUR fixed modular houses comply with the provisions of **REGEU and Decree Law 163/2006**, obtaining licensing included in the project.