



CAPSULE HOUSE TECHNICAL SPECIFICATIONS

Due to the modular structure of container buildings;

- * They can be relocated multiple times.
- * Since the wall panels do not require a profile frame inside, they do not create a thermal bridge.
- * Their quick installation feature saves time during setup.

PRODUCTION DESCRIPTION

- * Some products are manufactured using roll forming.
- * Different desired forms are produced on mass production lines and/or box profiles are used.
- * Required assembly and connection sections are created using automatic machines and/or manually.
- * Connections are made using special bolts and/or screws and/or welding.
- * Design is carried out using STA4CAD and BRICSCAD according to demand and geographical conditions. (snow & wind loads and seismic intensity).
- * [Production in accordance with TS, DIN, ASTM & ISO standards and norms] using SAP 2000, CFS.

TECHNICAL DATA

STRUCTURAL SYSTEM	BOTTOM CHASSIS	Main Chassis: 3mm 100x100mm profile, Floor 1,5mmx40x100mm intermediate supports	
	CORNER COLUMNS	Box Profile: 100x100x3 mm	
INSULATION	ROCK WOOL	Insulation Thickness: 80 mm	
	MOISTURE BARRIER	Tyvek 90 gr	
CEILING SYSTEM	EXTERIOR CLADDING	1mm Sheet Metal, Primer Paint + Synthetic Paint	
	MOISTURE BARRIER	Tyvek 90 gr	
	CEILING CLADDING	PVC Paneling + Marble-look PVC Sheet	
	STRUCTURAL SYSTEM	100x100x3 mm Box Profile, 1,5mmx40x100mm intermediate supports	
RAIN GUTTER		Free-flow drainage system	
EXTERIOR & INTERIOR WALLS	INTERIOR WALL SYSTEM	PVC Paneling + Marble-look PVC Sheet	
	EXTERIOR WALL	1mm Sheet Metal, Primer Paint + Synthetic Paint	
	HEIGHT	2650-2800 mm (Overall outer dimension, excluding lifting lugs)	
FLOOR	FRAMEWORK	3mm 100x100mm profile, Floor 1,5mmx40x100mm intermediate supports	
	CLADDING	14mm thick cement-bonded particle board (Betopan)	
	FLOORING	Laminate Flooring	
DOORS	EXTERIOR DOORS	Size (net door opening)	100*100 mm
		Door Type	Double wing sliding glass door
	INTERIOR DOORS	Size (net door opening)	
	WC DOOR	Size (net door opening)	800*2000 mm
			MDF with PVC coated door
WINDOWS & GLASSES	STANDARD WINDOWS	PVC or Aluminum Frame	
	WC AND SHOWER AREAS	350x350 mm - 350x450 mm	
	STANDARD WINDOWS	4+12+4 insulated glass or 4mm+4mm tempered glass	
PAINT	EXTERIOR COLOR	Ral	
	CLOSURE ELEMENTS AND CORNERS		
ELECTRICAL INSTALLATION		220/380V 1/3P+N+G 50 Hz., compliant with TSE, VDE, and IEC standards.	
	CABLE	240 Volt Capacity (TSE Certified, 32.5, 3 1.5, and 21.5 mm ² 1034 NYM)	
	OUTLETS AND SWITCHES	TSE Certified Surface-Mounted/Flush-Mounted Switches and Outlets are used.	
	OUTLET CABLES	NYM 32.5 mm ² (TSE-ISO)	
	LIGHTING CABLES	NYM 3*1,5 mm ² (TSE-ISO)	
	FUSES AND FUSE BOXES	TSE Certified 10, 16, 25, and 32 Amp Circuit Breakers with 4, 6, 8, and 12-Port Covered Surface-Mounted Circuit Breaker Boxes are used. (Breaker values may vary according to the electrical project)	
	LIGHTING FIXTURES	For normal areas	Rail lighting
		For wet areas	Rail lighting
		Above the exterior door	None
		Building LED Lighting	None
	*NOTE	*There is no residual current device (RCD) in the Capsule House.	
		*Each outlet is prepared for 240 watts.	
		*Different usage (stove, air conditioning, electric household appliances) should be specified in the requested project.	
		*Each heater and air conditioner should be powered by a separate circuit breaker.	

SANITARY SYSTEM	PIPE (CLEAN WATER)		Φ20 PPRC pipe
	PIPE (WASTE WATER)	Waste Water Pipes	It is used as Φ 50 and Φ 100 PVC.
		Sink	28*45 cm wall type (TSE Certified)
		Sink Faucet	Faucets are wall mounted (TSE Certified)
		WC	Ceramic Cistern, Back Outlet Western
		Shower Tray	None
		Shower Mixer	Mix bathroom faucet
		Bid Tap	Faucets are wall mounted
		Kitchen Sink	45*85 Chrome Sink MDF Base Cabinet
		Main Line Connection	Waste water and Clean water main line connections are made by the EMPLOYER.

BUILDING EQUIPMENT LIST

	PRODUCT/SERVICE TYPE	INCLUDED(V) EXCLUDED(X)	DESCRIPTION
	Sink and Base Cabinet	√	Included
	Fly Screen Wire	X	Excluded
	Fan Unit	√	Included
	Smoke Detector	√	A battery type smoke detector will be used in dry spaces.
	Furniture	X	Excluded
	Kitchen	√	Included
	Kitchen Equipment	X	Excluded
	Air Conditioning Units	X	Excluded
	Central Elec. Instant Water Heater	√	Included
	Indoor Heating Installation	X	Excluded
	Built-in Aspirator	√	Included
	Built-in 2-Burner Stove	√	Included

NOTE: Any Material/Service/Device/Accessory not included in the Technical Specifications are outside our scope.

ELECTRICAL INSTALLATIONS

Plumbing Status:			
I)	Socket Installation		Included
II)	Telephone Installation		Excluded
III)	Data Installation		Excluded
IV)	TV Installation		Included
V)	Air Conditioning Electrical Installation		Included
VII)	Fan Electrical Installation		Included
VIII)	Instant Water Heater Installation		Included
	NOTE: If air conditioning, electric radiator/heater, water heater are used, it will be specified in the project.		
	The electricity supply of these devices will be fed by a separate fuse line.		

* All given dimensions may have a 2% deviation margin. The products used have TSE-ISO certificate.

BUYER'S OBLIGATIONS

*	Floor, foundation concrete, screed works, flooring and landscaping works	
*	Performing all kinds of insulation works between the prefabricated building and the ground concrete	
*	Plumbing materials of the structures except piping.	
*	Transportation and transportation insurance	
*	Provision of the crane required for assembly.	
*	Subscription transactions to be made from official and private institutions and expenses related to these transactions	
*	Unloading the material and ensuring its safety	
*	Transportation of assembly personnel.	
*	Provision of electricity required for assembly.	
*	Provision of all kinds of heating, cooling, ventilation (HVAC, central heating system) etc. works	
*	Accommodation and food expenses of the assembly team.	
*	Provision of all kinds of OHS measures and equipment, provision and installation of scaffolding if necessary	
*	Connection of electricity, water and waste water lines of all structures to the main lines	
*	Environmental cleaning at the end of the work.	
*	VAT and all kinds of taxes	

GUARANTEE

*	Damages resulting from placement irregularities other than flat ground will not be covered by the warranty.	
*	The above mentioned orders are under the COMPANY's ONE (1) year warranty against manufacturing, assembly defects.	
*	Errors and abnormal processes arising from use are not covered by the warranty.	