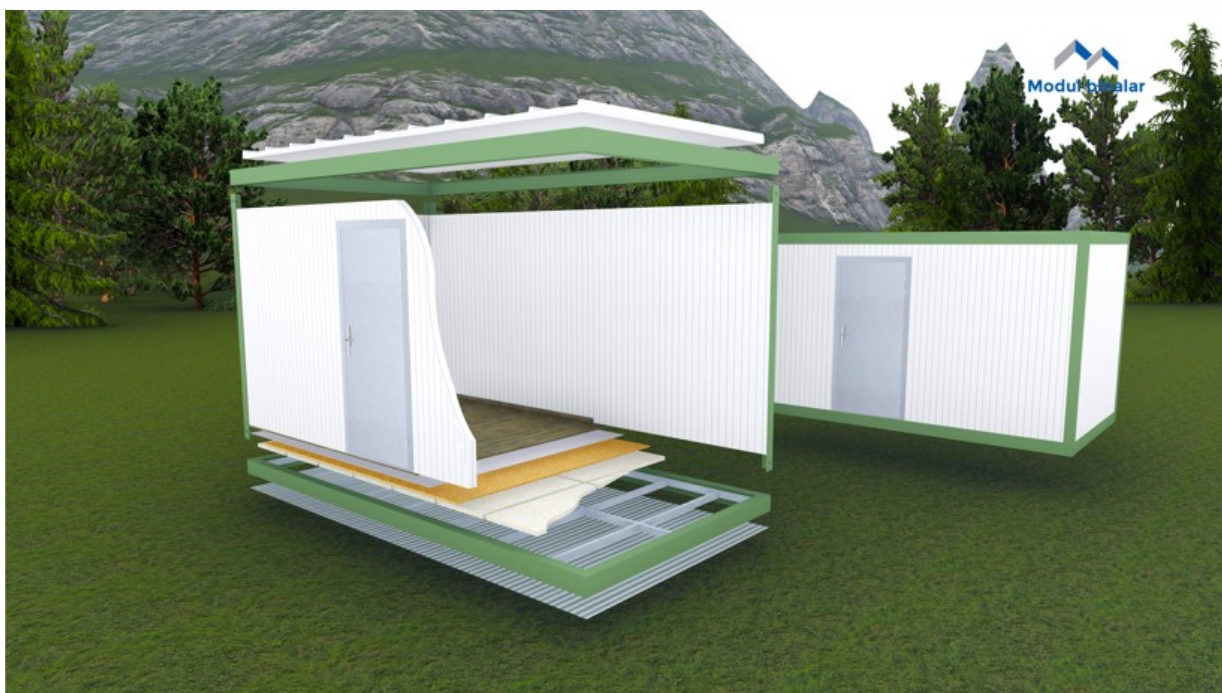
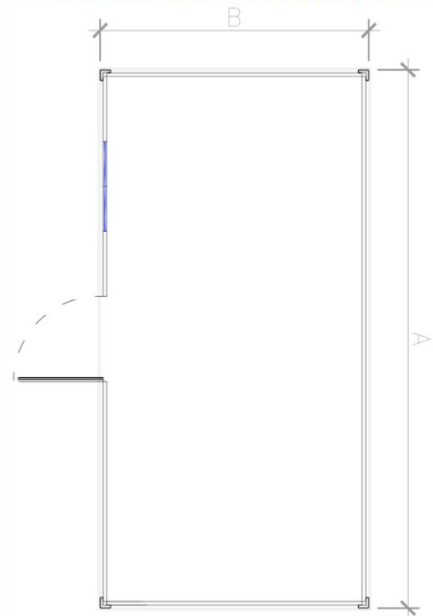


Technical specification of modular building



Modular sizes:

Model	Type	A (mm)	B (mm)	H (mm)	Space (inside)	Volume (inside)
MB-15x15	Demountable	1.500	1.500	2.650	1,80 m2	4,31 m3
MB-15x24	Demountable	1.500	2.400	2.650	3,00 m2	7,20 m3
MB-15x30	Demountable	1.500	3.000	2.650	3,81 m2	9,13 m3
MB-24x24	Demountable	2.400	2.400	2.650	5,02 m2	12,04 m3
MB-24x30	Demountable Flat pack	2.400	3.000	2.650	6,36 m2	15,27 m3
MB-24x48	Demountable Flat pack	2.400	4.800	2.650	10,42 m2	25,00 m3
MB-24x60	Demountable Flat pack	2.400	6.000	2.650	13,10 m2	31,45 m3
MB-30x30	Demountable	3.000	3.000	2.650	8,07 m2	19,36 m3
MB-30x48	Demountable	3.000	4.800	2.650	13,21 m2	31,69 m3
MB-30x60	Demountable	3.000	6.000	2.650	16,61 m2	39,87 m3



01. Flat-pack frame:

- Steel frame with special forms, 3mm sheets.
- Frame color RAL 7016 (standard);
- Three types of the joints for basement medium and upper beams connection, welded special forms with 6mm/8mm steel sheets.

02. Wall and roof cover:

- Polyurethane (PUR) sandwich panels 40/50 mm isolation thickness, density 34kg.m3,
- 0,35/0,35 mm steel sheet, galvanized, 25micron paint RAL9002 (standard)
- Thermal Conductivity (λ) Max. 0,023 W/mK
- Reaction to Fire: B.s2,d0

03. Floor:

- Steel sheet 0,40mm thickness,
- Rockwool isolation, 50mm,
- 18mm OSB / 14mm cement board,
- 3mm ESP + 8mm laminate / 7mm membrane / 1mm galvanized steel sheet.

04. Windows:

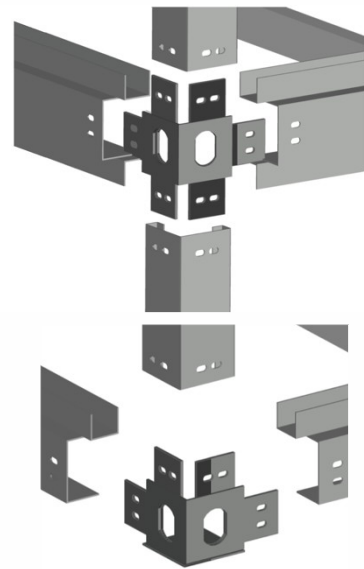
- PVC framed, double pan tempered glass, frame color RAL 9002.

05. Doors:

- Sandwich panel, EPC isolated-50mm, steel sheet thickness 0,80/0,80mm, color- RAL 9002

06. Load capacity:

- Snow load - 80 kg/m2
- Wind speed load - 90 km/h
- Chassis load capacity - 200kg/m2



Standard flat pack type:

1. Set of single modular container room 2400x4800/6000 mm:



Container size	Flat pack size (mm) W-L-H	Gross weight (kg)	Per truck
2400x4800	2400 x 4800 x 580	540 kg	8 pack
2400x6000	2400 x 6000 x 580	650 kg	8 pack

2. Set of double container room 2400x4800/6000 mm

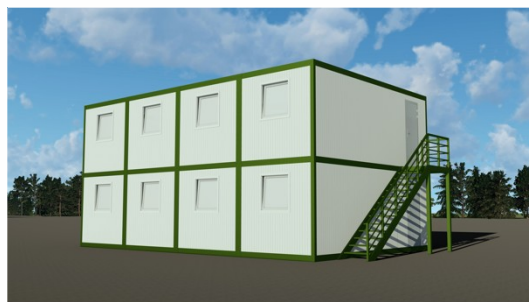
Container units: 2 containers



Container size	Flat pack size (mm) W-L-H	Gross weight (kg)	Per truck
2400x4800	2400 x 4800 x 1050	960 kg	4 sets
2400x6000	2400x 6000 x 1050	1.120kg	4 sets

3. Set of double container room 2400x4800/6000 mm

Container units: 8 containers



Container size	Flat pack size (mm) W-L-H	Gross weight (kg)	Per truck
2400x4800	2400 x 4800 x 950 2400 x 4800 x 950	3.820 kg	1 set
2400x6000	2400 x 6000 x 1050 2400 x 6000 x 1050	4.300 kg	1 set

4. Set of double container rooms
2400x4800/6000 mm

Container units: 30 containers



Container size	Total space	Gross weight (kg)	Trucks per set
2400x4800	346 sq.m	14.500 kg	3 trucks
2400x6000	415 sq.m	15.900 kg	3 trucks

5. Set of triple container room
2400x4800/6000 mm

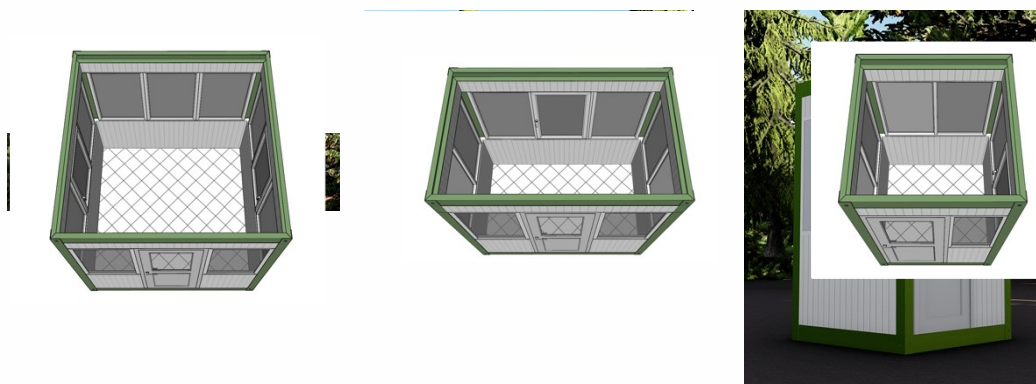
Container units: 120 containers



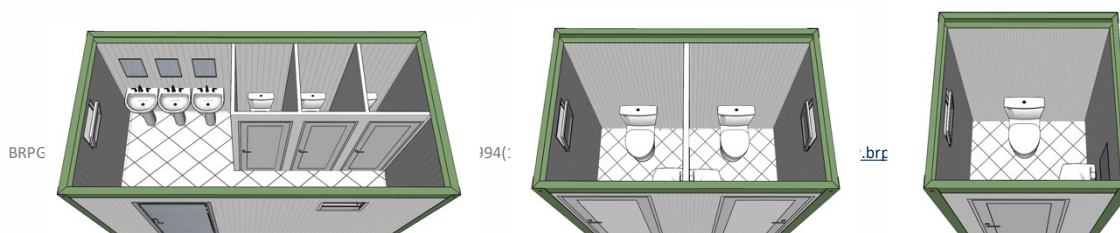
Container size	Total space	Gross weight (kg)	Trucks per set
2400x4800	1.382 sq.m	55.300 kg	10 trucks
2400x6000	1.658 sq.m	62.300 kg	10 trucks

Specification of the modular building could be modified according to the customer's requirement.

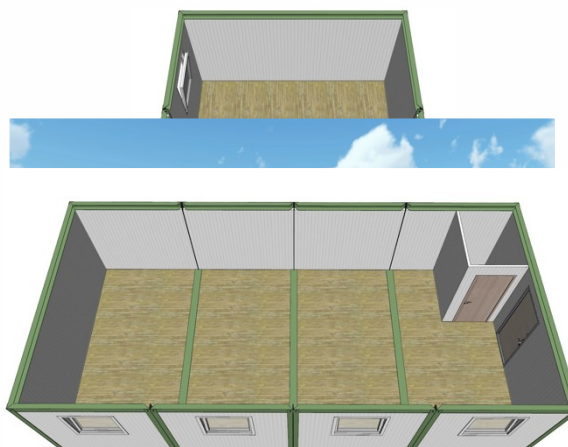
Security rooms:



WC rooms



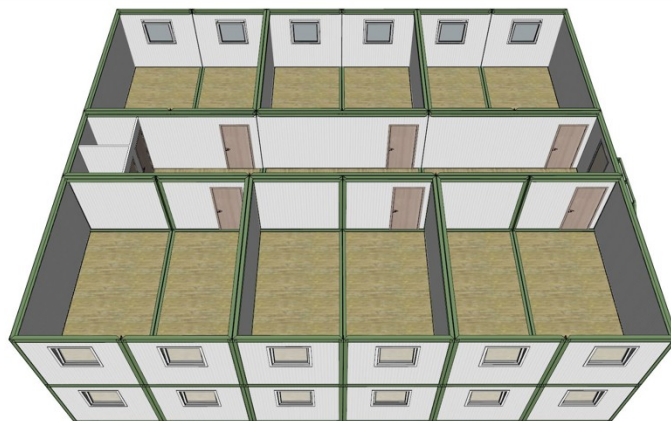
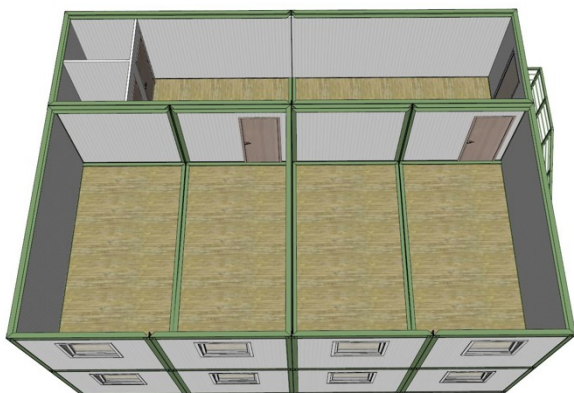
Standard modular



Two level Modular building

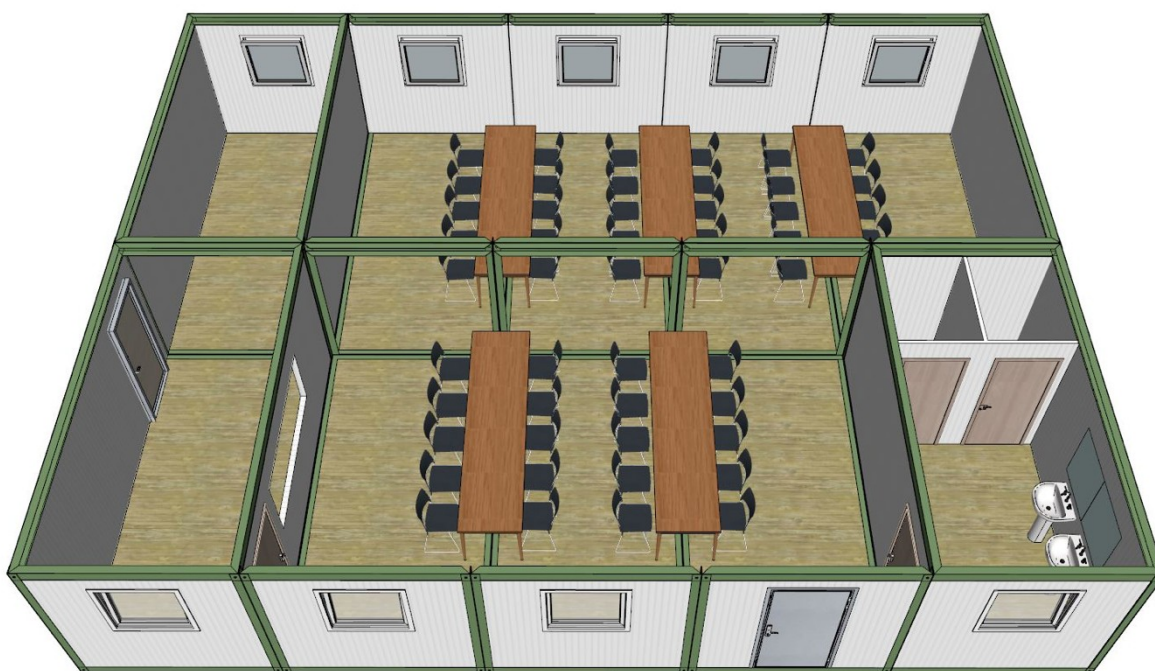


Two level living and accommodation



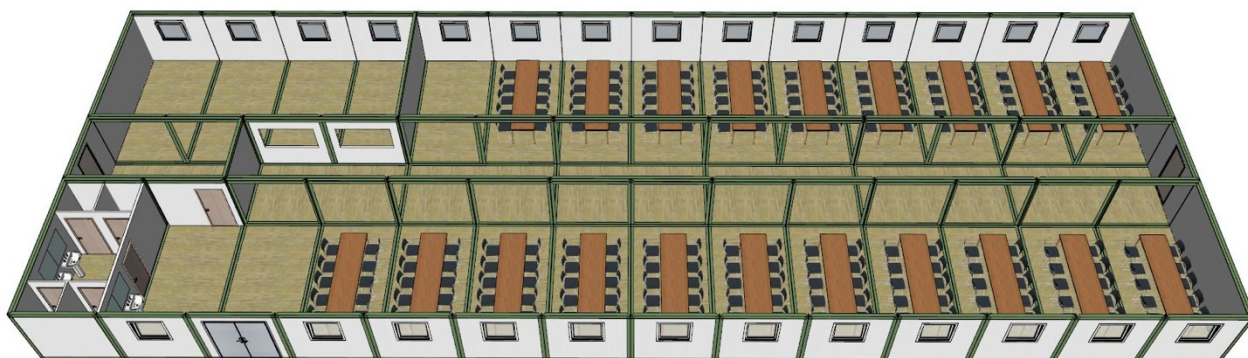
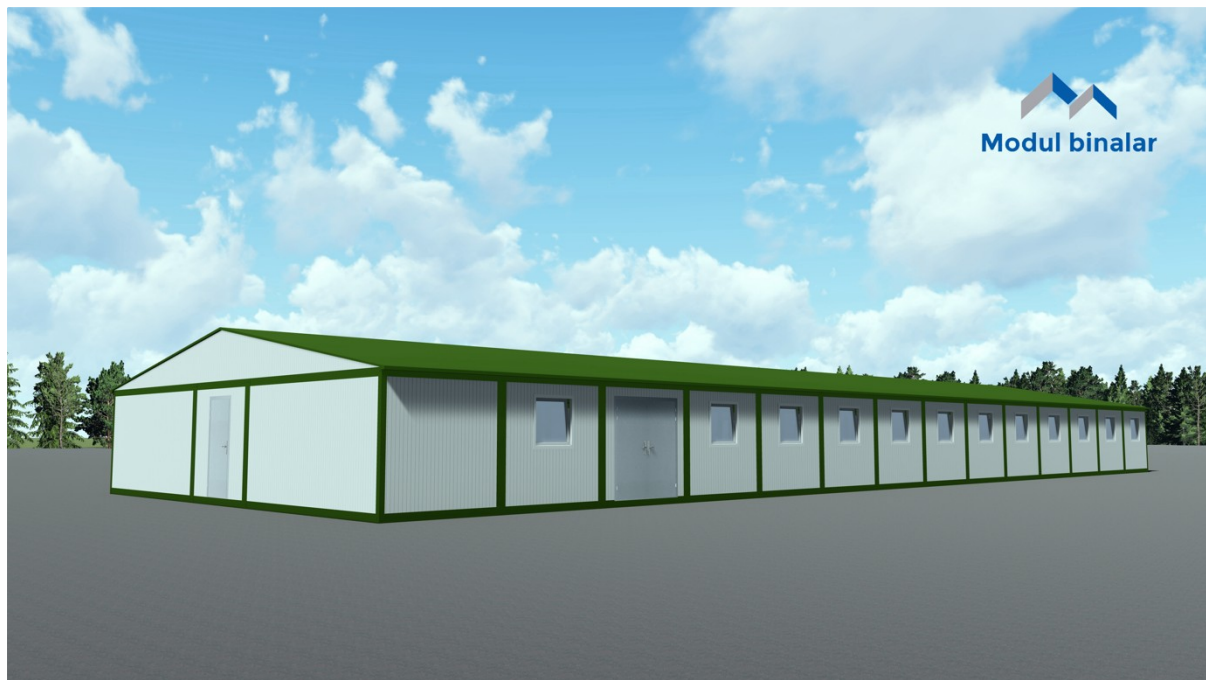
Single modular canteen for 50 seats

Kitchen	1 room	2 module	29 sq.m
WC rooms	1 room	1 module	14 sq.m
Canteen room	1 room	7 module	101 sq.m
Total		10 module	144 sq.m



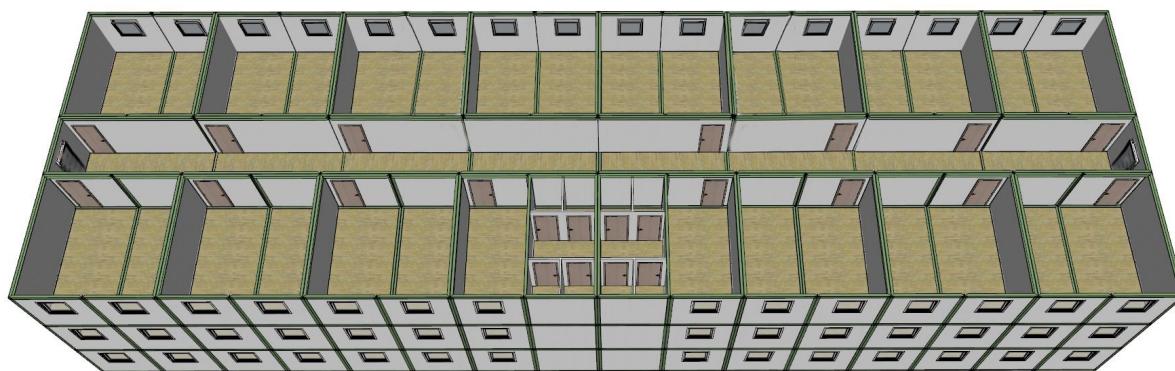
Single modular canteen for 200 seats

Kitchen	1 room	5 module	72 sq.m
WC rooms	1 room	1 module	14 sq.m
Canteen room	1 room	29 module	398 sq.m
Total		35 module	484 sq.m



Single modular camp

Accommodation rooms	42 rooms	84 module	1.210 sq.m
Lobby		24 module	276 sq.m
WC rooms	3 rooms	6 module	86 sq.m
Shower rooms	3 rooms	6 module	86 sq.m
Total		120 module	1.658 sq.m



Medium size camp

Accommodation rooms	84 rooms	240 module	3.318 sq.m
Canteen	100 seats	25 module	345 sq.m
Office building	20 rooms	30 module	414 sq.m
Security rooms	2 rooms	2 module	29 sq.m
Total		297 module	4.106 sq.m



Big size camp

Accommodation rooms	168 rooms	480 module	6.632 sq.m
Canteen	200 seats	35 module	484 sq.m
Office building	40 rooms	60 module	829 sq.m
Security rooms	3 rooms	3 module	43 sq.m
Total		578 module	7.988 sq.m

