

INNOVATIVE BUILDING SOLUTIONS
MOBILE HOMES

Your success is:

**economical,
ecological
and innovative.**

www.minikoti.fi
EUROPEAN QUALITY

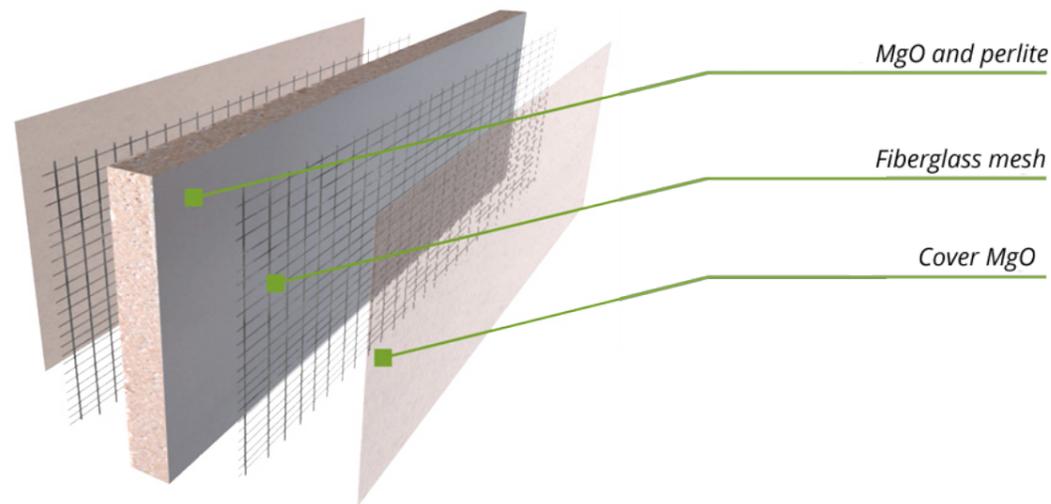
MgO magnesium boards

MgO magnesium oxide boards are hard boards with core composed of magnesium oxide and magnesium chloride, perlite and wood fibers, covered on both sides with fiberglass mesh sunk in core, that can be slightly visible on the surface.

usage:

- Drywall construction
- Steel frame construction
- Building exterior
- Roofing
- Walls, floors, ceilings
- Places of increased relative humidity
- Lofts and basements
- Insulation of warehouses and garages
- Composite panels, SIP
- Exteriors of air conditioning and ventilation systems
- Fire-proof door and cable track enclosures
- Fire barriers and partitions
- Billboards
- Furniture
- Fireplace decoration
- Arcs and decorations
- Acoustic products

MgO board:



MgO board thickness:

6 mm - MgO Green	1220 x 2440	11 mm - MgO Green	1220 x 2440	20 mm - MgO Green	1220 x 2440
	1220 x 2745		1220 x 2745		1220 x 2745
	1220 x 3000		1220 x 3000		1220 x 2745
8 mm - MgO Green	1220 x 2440	18 mm - MgO Green	1220 x 2440		
	1220 x 2745		1220 x 2745		
	1220 x 3000				

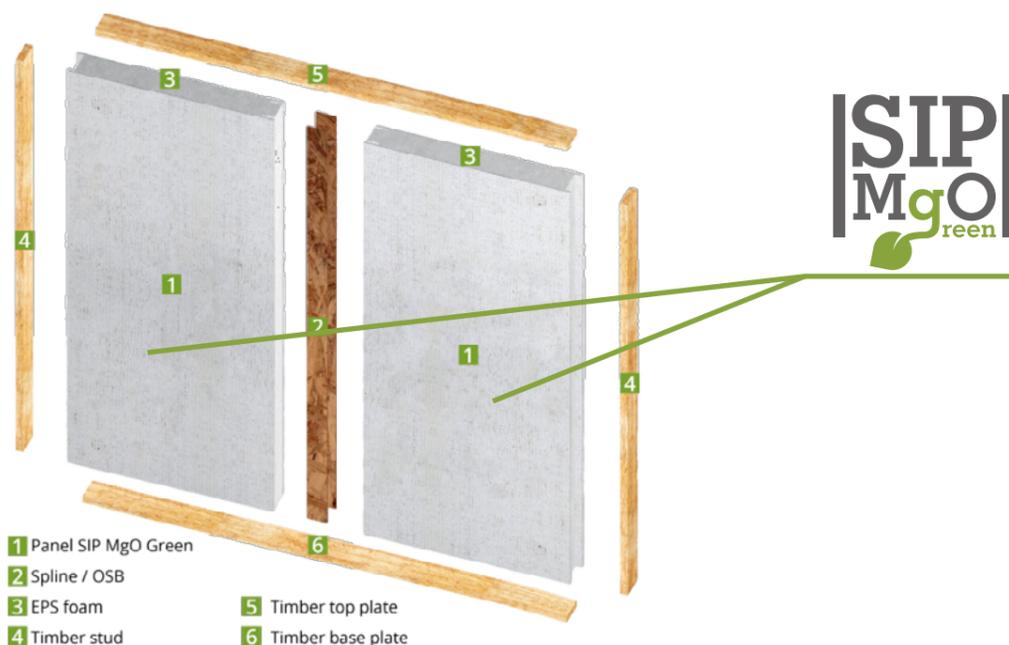


SIP MgO composite PANEL

Composite panel is a high performance, engineered, structural, super insulated solid core wall component that is fire, moisture, mould, and rot resistant. EPS insulation is structurally cured between two pieces of MgO board sheathing. This results in a wall component that is easy and economical to erect and finish, and creates high quality, durable building envelope walls, roofs, and floors that are highly efficient and cost effective.

usage:

- **Single family houses and multi-family houses,**
- **Multi apartment residential buildings,**
- **Public utility buildings,**
- **Leisure facilities,**
- **Utility buildings,**
- **Temporary buildings,**
- **Floor and ceiling plates ,**
- **Partition walls,**
- **Outside walls,**
- **Insulation,**
- **Acoustic isolation.**



MOBILE MODULAR HOME (MMH-43)

43 m²

The MMH is assembled from two modular buildings. Modules are constructed indoors on assembly line, what guarantee the highest standard of manufacture and finish.

The building is fully equipped with:

- **electrical installation,**
- **water system,**
- **sewage system,**
- **gas-fittings,**
- **air-conditioning system,**
- **infrared heating panels,**
- **furnishings.**

Building regulations are not required for mobile homes and caravans, but our home meets all of them:

Structures are MgOSB SIP panels and timber frame, floor construction made from LVL and I-joists.

Building has significantly lower operating costs up to 60% less than conventional mobile homes and it could be occupied whole year.

Composite panel walls/roof and I-joist's floor construction filled with fiberglass ensure U-Value 0,27 W/(m²*K).

Composite siding on elevation guarantee durability and long lasting, roof covered with flexible acrylic coat.

High quality exterior finish with timber patio elements. All interior walls are finished with crack resistant wall paper and composite panels in wet rooms.



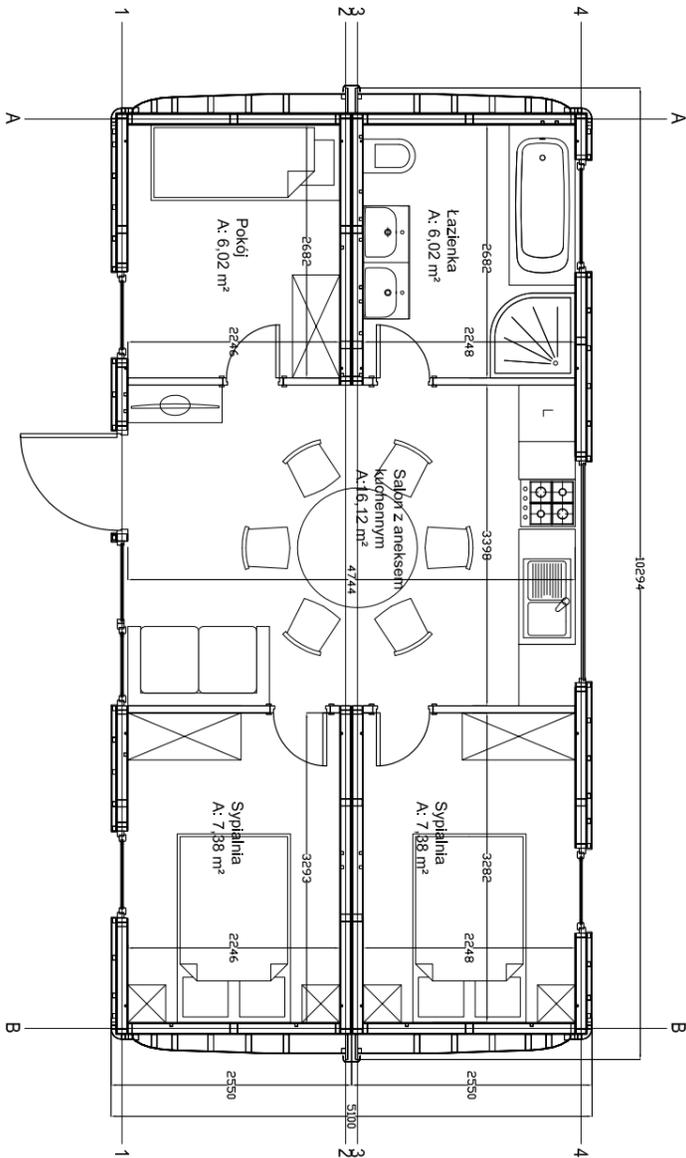
Net area: 43,0 m²

Composite panel is a high performance, engineered, structural, super insulated solid core wall component that is fire, moisture, mould, and rot resistant. EPS insulation is structurally cured between two pieces of MgO board sheathing. This results in a wall component that is easy and economical to erect and finish, and creates high quality, durable building. Envelope walls, roofs, and floors are highly efficient and cost effective.



MOBILE MODULAR HOME (MMH-43)

43 m²



Net area: 43,0 m²

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MOBILE MODULAR HOME (MMH-43)

43 m²



MOBILE HOME (MH-34)

33,74 m²

The building is fully equipped with:

- electrical installation,
- water system,
- sewage system,
- gas-fittings,
- air-conditioning system,
- furnishings.

Building regulations are not required for mobile homes and caravans, but our home meets all of them:

Structures are MgO SIP panels and timber frame, the same materials and constructions methods used to build normal residential house that conform to Building Regulations.

Building has significantly **lower operating costs** up to 60% less than conventional mobile homes.

Composite panel walls/roof/floor have rating of U-Value 0,331 W/(m²*K).

Building built with stress skin foam core walls, like our panels have withstood hurricane conditions.

Acrylic render popular choice for external coat because of its excellent durability, clean crisp exterior and painted ability.

High quality exterior finish with timber patio elements. All interior walls are skimmed and painted.

Composite panels are insect resistant. MgO board sheathing and EPS are inert materials without nutrients.



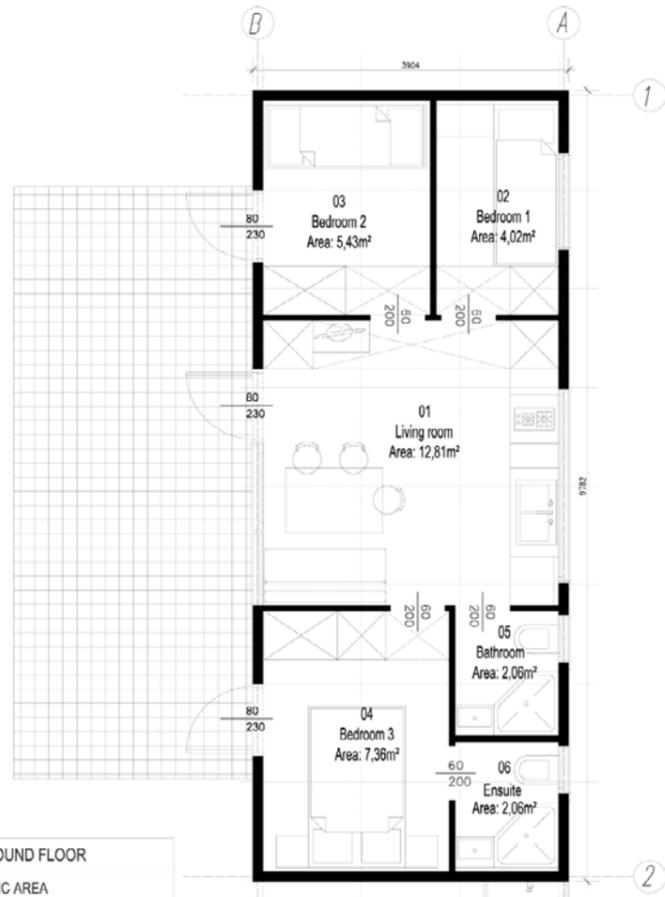
Gross area: 55,7 m²
Net area: 33,7 m²

Composite panel is a high performance, engineered, structural, super insulated solid core wall component that is fire, moisture, mould, and rot resistant. EPS insulation is structurally cured between two pieces of MgO board sheathing. This results in a wall component that is easy and economical to erect and finish, and creates high quality, durable building. Envelope walls, roofs, and floors are highly efficient and cost effective.



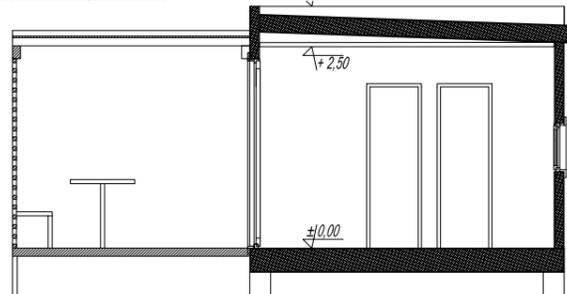
MOBILE HOME (MH-34)

33,74 m²



GROUND FLOOR
BASIC AREA

NR.	Name	Area m ²
01	LIVING ROOM	12,81
02	BEDROOM 1	4,02
03	BEDROOM 2	5,43
04	BEDROOM 3	7,36
05	BATHROOM	2,06
06	ENSUITE	2,06
TOTAL		33,7400



Gross area: 55,7 m²
Net area: 33,7 m²

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MOBILE HOME (MH-34)

33,74 m²

ELEVATION

RIGHT



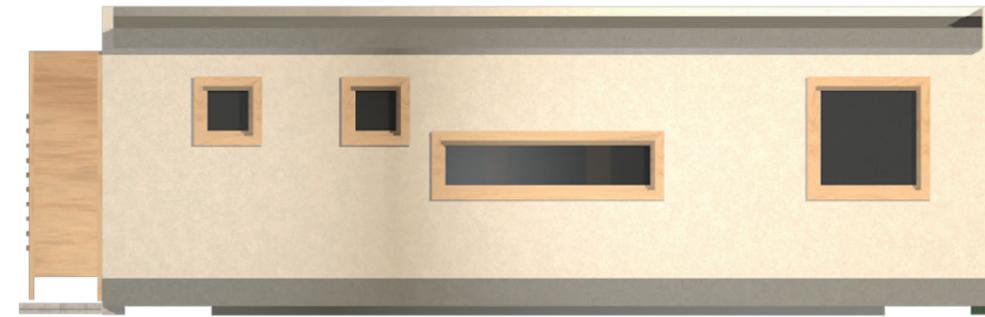
FRONT



LEFT



BACK

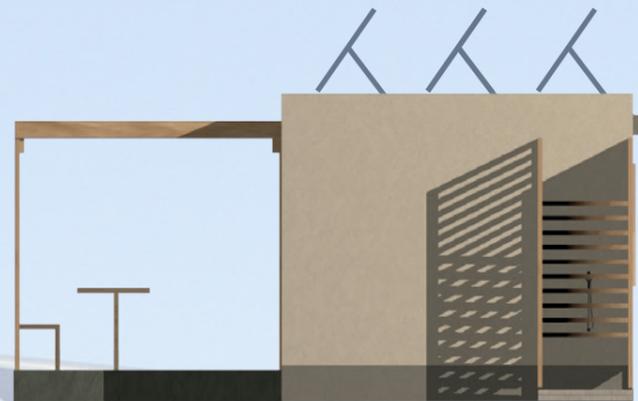


MOBILE HOME (MH-34)

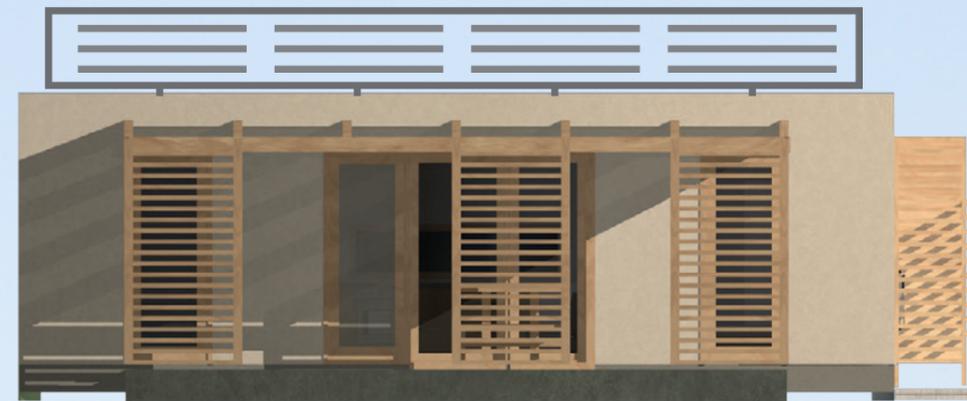
33,74 m²

ELEVATION

RIGHT



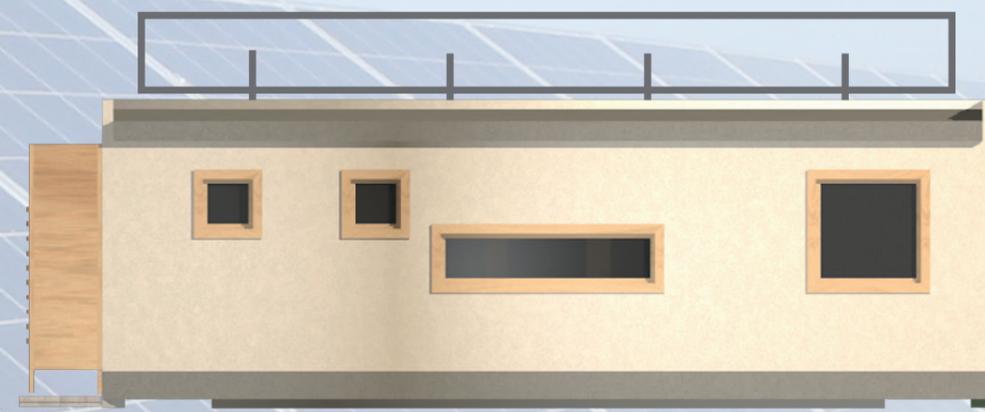
FRONT



LEFT



BACK



MOBILE HOME (MH-34)

33,74 m²



MOBILE HOME (MH-34)

33,74 m²



MOBILE HOME (MH-34)

33,74 m²

