We believe everyone in the world should be able to afford a home.

This is madihome
Personalize your madihome

madihome is available in a variety of materials and solution to match your personal style.

Build your own madihome
madihome models
This is the basic model which can be used in numerous ways and applied to many different solutions. The internal dimensions are 34.00 square metres or 365.97 square feet.
It consists of an open space house on either levels with a combined internal space of about 53.00 square metres or 570.48 square feet.
With our 2-bedrooms option, the possibilities are endless. To increase the size of your madilhome simply keep adding more modules. This models provides a huger living space and an additional bedroom. The internal dimensions are 70.00 square metres or 753.47 square feet.
This is the largest madihome standard model for residential purpose. This model provides an additional bedroom downstairs and an additional bathroom upstairs. The internal dimensions are 86.00 square metres or 925.70 square feet.
## COMPONENTS INCLUDING

### STRUCTURAL WOOD
- Timber frame panels: OSB 3 mm 12, KVH C24 6x16
- Slabs: Rockwool insulation th. 160 mm pa = 40 kg/mc
- Walls: Fermacell mm 10
- Roof: Tempera painting

### STRUCTURAL STEEL
- S355JR steel hinges and profiles
- Laminate: Hot-dip galvanizing protective treatment according to EN 1090-1 and EN 1090-2
- Profiles: Standard hardware
- Hardware: Screws class 10.9, Bolts class 8.8

### PARTITIONS
- Fermacell mm 10
- KVH C24 6x8
- Rockwool insulation th. 80 mm pa = 40 kg/mc
- Fermacell mm 10
- Tempera painting

### PLUMBING SYSTEM
- bathroom and kitchen: As per architectural drawings according to local regulation.

### THERMAL SYSTEM
- High efficiency air conditioning system properly sized with external operating temperatures +40/-25
- Electric water heater 80 lt storage tank

### ELECTRICAL SYSTEM
- As per architectural drawings according to local regulation.
metal panel

Painted corrugated metal coating. Standard colors: dark brown-silver-pure white

Included
wood

Spruce shingle boarding. Treatment as UNI EN 351-1: 1998
Included
brick and stone

Made with a mixture of special binders of cement origin, light natural aggregates (clay, gravel, sand, pumice), coloring pigments stable to ultraviolet rays and additives that guarantee durability over time.

Included
windows

This PVC system is extremely versatile in terms of design and with top-level thermal and noise insulation performance.
Standard color: white

73 mm PVC profile
5 rooms
glasses: 4/20 Argon / 33.1 B.E.
glasses: 4/20 Argon / 33.1 B.E.
Performance: $U_f = 1.3 \text{ W/sqmK}$
RW glass 36 db

Included
**floor**

**Laminate floor**
Laminate is a multilayer material composed of high density wood fiber (HDF) and plastic material.

**Vinyl floor**
All the benefits of a floor, with the ease of maintenance and the hygiene of a vinyl floor! Eco-friendly: recycled fiber from plastic bottles.

**Included**
bathroom

The bathroom is supplied complete with all the elements and accessories. Sink, WC, bidet and shower plate in ceramic and single-control mixer taps with chrome finish. The cladding on walls and the floor are in vinyl material, water resistant and non-slip.

*To consider as optional the possibility of installing a bathroom on the first floor equipped with shower, toilet and sink.

Included
doors

Smooth door, with perimeter frame, cellular structure in dehydrated cardboard, both sides MDF covered in laminate.

Included
heating and cooling

A. Inverter technology for energy savings of up to 60%, high silence, 4-level protection system, optimized cooling and airflow.

Air conditioning system appropriately sized with external operating temperatures +40 \(-25^\circ\text{C}

B. Electric water heater with 80 lt storage tank.

Included
Tiles made of a special aluminum alloy and other precious metals. Very resistant, light. They do not fear oxidation and corrosion even in extreme conditions such as the marine environment to guarantee the beauty of the roof over time.
The bitumen tiles are composed of layers of different inorganic materials and waterproofed through the application of bitumen.
Cladding made of a special aluminum alloy and other precious metals, it is a very resistant, light. It does not fear oxidation and corrosion even in extreme conditions such as the marine environment to guarantee the beauty of the facade over time.
This PVC system is extremely versatile in terms of design and with top-level thermal and noise insulation performance. Standard color: white

82 mm PVC profile
7 rooms
glasses: 4/20 Argon / 33.1 B.E.
glasses: 4/20 Argon / 33.1 B.E.
glasses: 4/20 Argon / 33.1 B.E.
Performance: Uf = 0.86 W/sqmK
RW glass 50 db
external sliding door
dimension 400x215

The external sliding door saves space and permits an optimum utilization due to the opening system. Also in case of large dimension the hinged parts slide sideways with utmost ease.

73 mm PVC profile
5 rooms
glasses: 4/20 Argon / 33.1 B.E.
glasses: 4/20 Argon / 33.1 B.E.
Performance: Uf = 1,3 W/sqmK
RW glass 36 db

82 mm PVC profile
7 rooms
glasses: 4/20 Argon / 33.1 B.E.
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glasses: 4/20 Argon / 33.1 B.E.
glasses: 4/20 Argon / 33.1 B.E.
Performance: Uf = 1,0 W/sqmK
RW glass 50 db
glass facade

PVC glass facade double or triple glazing.

73 mm PVC profile
5 rooms
glasses: 4/20 Argon / 33.1 B.E.
glasses: 4/20 Argon / 33.1 B.E.
Performance: $U_f = 1.3 \text{ W/sqmK}$
RW glass 36 dB

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<td>larch</td>
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</tr>
</tbody>
</table>
This solar thermal system makes it possible to use the sun to heat domestic hot water for a family of 4-5 people. Solar thermal system kit consisting of flat panels for hot water production, water heater, electronic control unit and accessories.
green energy

Photovoltaic generator with a nominal peak power of 3 KWp flat polycrystalline silicon photovoltaic module, rated power 300Wp. Aluminum profile structure for 10 photovoltaic modules.

Station complete with inverter, renewable source management, lithium battery pack and interfacing with the electrical network. Single-phase system for "stand alone" operation with the possibility of automatic bypass to the electrical network.
The home automation kit transforms the M.A.DI. home in a smart environment. Lights, scenarios, heating and security will be intuitively controlled.

Through a wall switch, a voice command or remotely via smartphone, tablet or PC, all domestic functions can be managed automatically according to a scheduled time, using the astronomical clock, or recalled by simply pressing a button.
Screw piles, sometimes referred to as dowels, screw-posts, helical piles, and helical anchors are a screwing beating and ground steel anchoring system used to build an alternative foundation. The screws are in galvanized steel and are sized according to the installation ground.
The veranda / balcony module allows you to expand the house to the outside having two covered spaces communicating with the interior giving you the pleasure of comfortably admiring the surrounding landscape.
madihome®

The beginning of housing revolution

www.themadihome.com

madihome is a Patented Product. Designed by Architect Renato Vidal