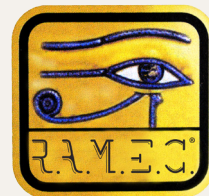


ECO HOUSE



Prodotto Brevettato - Diritti riservati - Vietata qualsiasi riproduzione



Our company deals with the design, construction and installation of bungalows and mobile homes made of ecological, 100% recyclable, innovative, patented, certified and of own production materials. They are technologically high-performance products, to guarantee high living comfort all the year round. Our design studio wanted to aim on models that stood out for their elegance, for the aesthetic/ technical characteristics and for the high quality level of the finishes. Because these homes should not be simple housing modules, but must know how to instill, in those who stay there, the desire to come back again.

Thanks to the quality of the composite materials used, these mobile homes are particularly healthy, insect proof and anti-mould, thus reducing the need of frequent maintenance. The exterior walls, made with our Eco panels, are supplied already plastered with special, natural and certified cement of our own production. It follows the choi-

ce, by the customer, of a wide range of colours and painting, that during the usual maintenance may be renewed by giving the structures an ever new look. The inside walls are coated with washable easy cleaning material.

The mobile houses are furnished with a treated and hot-painted steel frame, complete with any double-axle, with a removable drawbar and parking feet for an easy placing even in trees and vegetation areas.

As these mobile homes are assembled in place it is not necessary to bear high loading costs.

On request it is possible to supply mobile homes with quality and branded furniture, that are customized according to the needs of the customer and then turnkey delivered. Our company extends the concept of ecological sustainability to the entire production chain, from the origin of the material until the realization of the final product.

TECHNICAL BUILDING FEATURES

- Standard airy roof
- Walls
- Floor
- Systems
- Frames



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A) Standard iRaî airy roof

It is a patented sandwich insulating panel consisting of:

- 1) stratified wood panel, plastered on upper side with special natural and patented cement
- 2) closed cell foam panel, that is grooved in order to help the forced ventilation
- 3) slab of fibreglass
- 4) stratified wood panel

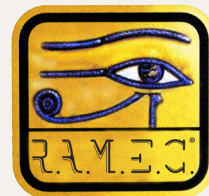
This patented system allows to reduce from 80% to 90% the heat transmittance by radiation, thereby helping to keep cool the rooms beneath in summertime, and consequently it becomes ideal in winter thanks to its high insulating power.

The standard dimensions of the panel are 240x120 cm, with a rabbet on the four sides and it has a total thickness of 15 cm.

There are three possible choices for the final roof covering:

- 1) Waterproofing, bituminous and a 3D decorative system
- 2) Pre-painted sheet, with a choice among four different colours
- 3) ABS slabs shaped like pantile

The roof is supplied with ridge, gutter and rainwater collection system



B) Walls

The wall is composed of:

- 1) stratified wood panel, already plastered with special natural and patented cement
- 2) high-density compressed cork
- 3) sheep wool or glass wool or rock wool or wood fibre mat
- 4) high-density compressed cork
- 5) stratified wood panel, already plastered with special natural and patented cement

This system allows the realization of single-block walls up to 12 metres in length and up to 2.70 metres in height and equipped with approved raceways for the passage of cables and/or pipes.

The wall has a total thickness of 10 cm

C) Floor

The floor is realized in reinforced frame sandwich panels and it is composed of:

- 1) Okoumé skins, which are plastered with special cement of our own production
- 2) cork
- 3) rock wool
- 4) lamellar beams

These panels, with a total thickness of 12 cm, guarantee excellent heat and acoustic insulation, high torsion performances and they are insects proof and anti-mould. The flooring consists of a non-slip, non-scratch, non-stainable Pvc parquet and therefore easy to clean and maintain. For the bathrooms are offered a wide range of ceramic or lightweight marble of our own production. On request it is also possible to install the iRamec® patented floor heating system.

D) Systems

Thanks to the patented system, that allows the realization of single-block walls, all the systems are carried out by the integration of approved raceways for the passage of cables and pipes both in the walls and in the floor.

The summer and winter air conditioning system is customizable in the different living environments. On request it is also possible to install the iRamec® patented floor heating system.

The led lighting is at 12-24 volts. For the 220V sockets it is provided a revolutionary patented system for the insertion of any type of adaptors into power tracks.

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E) Frames

Double-casement or folding windows, with PVC frame and double-glazing.

Sliding or leaf front door.

Sliding French windows.

Isotherm interior sliding doors, with laminate or wood finishes.

Handles in satin steel.

F) Veranda floor

The veranda floor is composed of WPC strips, that is a composite material made of bamboo fibres and 100% recyclable plastic material, resistant to atmospheric agents, ageing, temperature range, and it is non-slip, termiche, ed è antisdrucchiolo.