



iHouse

BUILD SMALL • LIVE BIG





interSCALA presents the **iHouse**

Since 1964 we work with wood and we create products for the house. Today we use this experience to craft this beautiful object, all wood and glass, 8000 kg of superior workmanship and design. A structural steel frame supports the 34 sqm of living space where only the bathroom and the balcony are separate. It gives a new definition to the word "turnkey". It is all included, from the bedsheets to the toilet brush. The specifications are top of the line, from the kitchen to the bedroom furniture. And it could be a permanent house or a mobile home.

It is indeed a stunning minimalist modern object of desire.

It is the iHouse.

SUSTAINABLE AND
ENERGY EFFICIENT,
PREFABRICATED
MODULAR
HOUSING SYSTEM



WHY iHouse

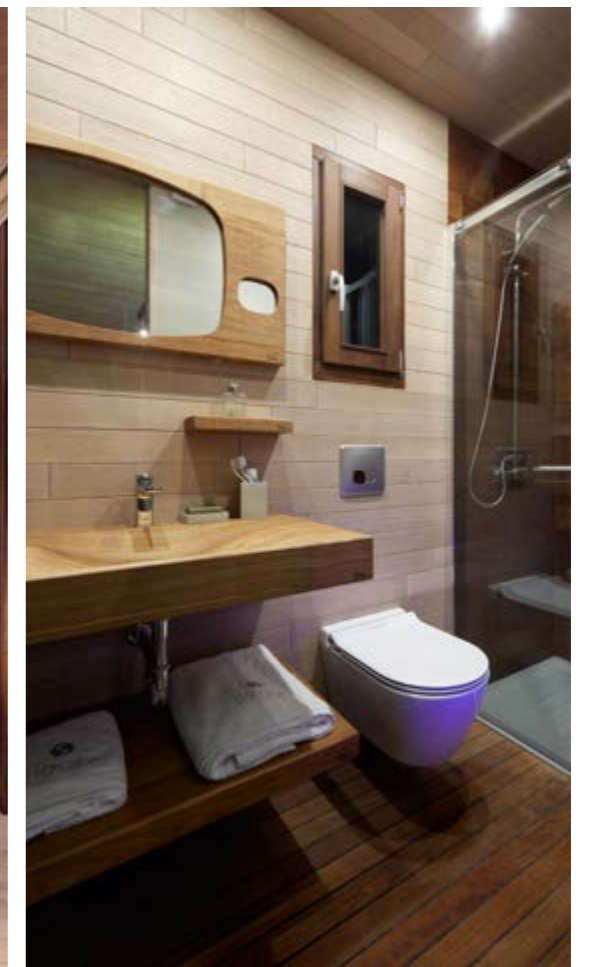
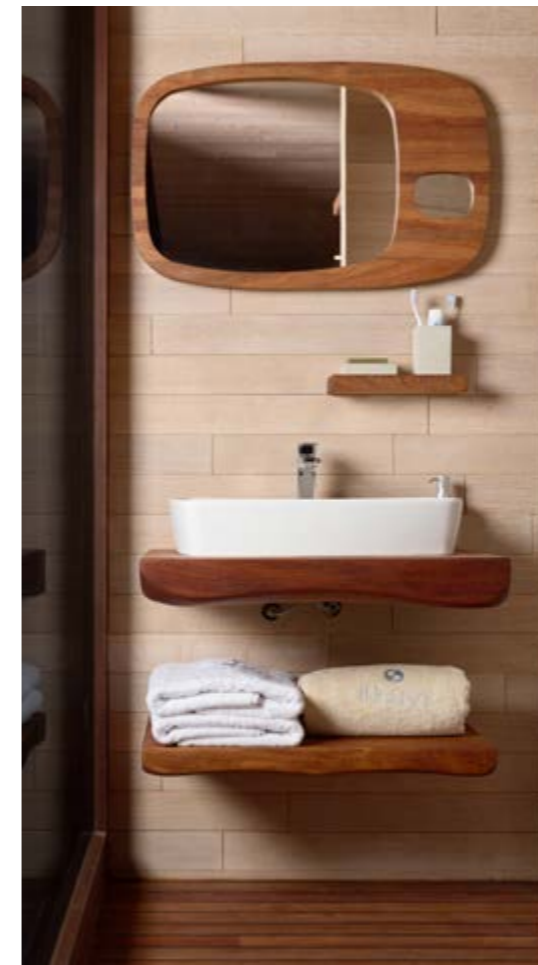
The best answer for those who wonder why we like the iHouse, the answer is:

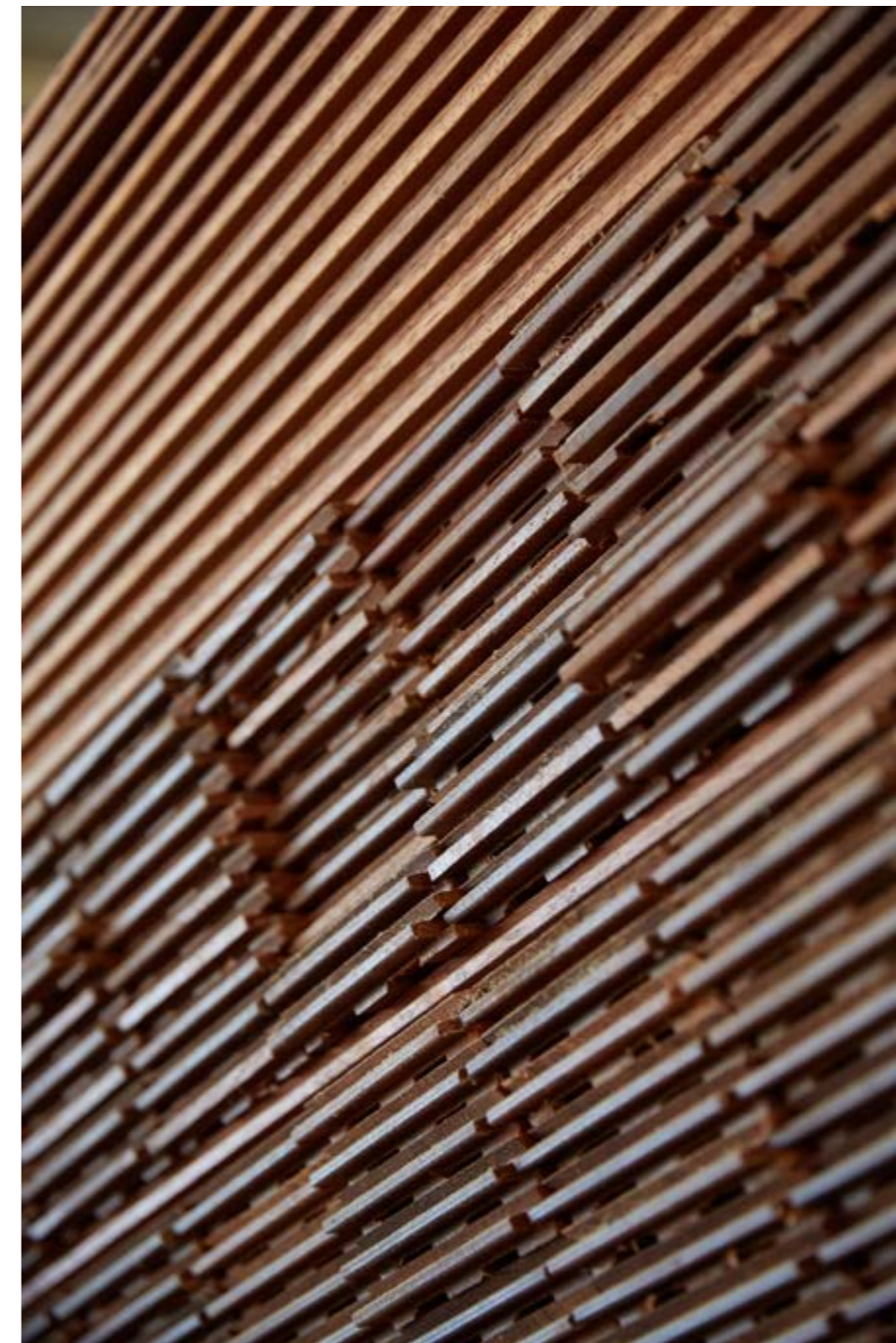
The iHouse is a wooden getaway ecological moveable home, with low impact environmental and carbon foot print, focusing on quality, not quantity, completely self-sufficient that features many of the modern convenience that consumers expect.

Within a well organised 34 sqm there is everything someone needs for comfortable living and can be further optimised by orientation, glazing and shading options to take full advantage of the natural assets of each site.

ECO iHouse

Prefabrication generates less waste and more opportunities for greener construction methods and technologies. The green aspects of the iHouse are awesome: only solid wood without any technical wood and solvent adhesives, Led lighting and pellet stove providing heating. In case that is used like a mobile home without any utilities close, rainwater collection, photovoltaics, black and grey water storage and hot water from solar water heating are included.





MATERIALS

Support

Structural steel primed and painted

Facade

2 cm thickness thermally modified solid wood oiled with Sika transparent oil

Sliding balcony doors

interSCALA Velko, 3-lam, Thermo or Burma Teak or Oak or Meranti or Pine wood, heavy duty sliding doors with Roto fittings and triplex, double, low energy glazing, oiled with Sika oil

External door

interSCALA Velko, heavy duty solid wood door oiled with Sika oil

Inside Walls

interSCALA Floor, 2 cm thickness solid wood oiled with Osmo natural oil

Flooring

interSCALA Floor, 2 cm thickness solid oak wood, brushed and oiled with Osmo natural oil

Bathroom flooring

interSCALA Floor, 2cm thickness Burma teak deck with Sika flex rubber and oiled with Osmo teak oil

Shower walls

interSCALA floor, 2 cm thickness Burma teak, oiled with Osmo oil

Kitchen furniture

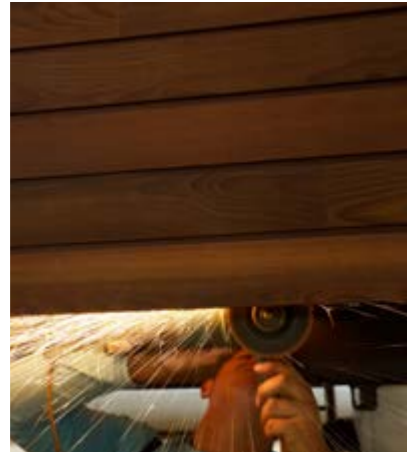
iTem unique, solid Burma teak wood or Oak or Beech, oiled with Osmo oil

Bath furniture

iTem unique, solid Burma teak wood, oiled with Osmo oil

Table, chairs, cupboard, shelves, mini tables and bed

iTem unique, solid wood, Oak or Beech, oiled with Osmo oil



SPECIFICATIONS **iHouse BASIC UNIT**



Dimensions in meters 3.20/9/3.75 (H/L/W)

Space 34 sqm total

20 sqm living room
3 sqm bathroom
11 sqm balcony

Basement In case of permanent house 8 - point foundation

In case of mobile home
3 axes/6 wheels

Electric

220 volt
5 sockets
aircondition
stove
boiler 40 liter
12V battery charger

12 volt
led lights
radio
television
water filter pump
ceiling fan
220V inverter
460 Ah batteries

Lighting

external
2 Led 12V front side/4 Led 12V
back side

internal

10 Led 12V ceiling spots
1 220V kitchen lamp
2 Led 12V wall lights at the
bedroom

5 Led 12V night lights

3 Led 12V hidden lights

Insulation

10 cm glass wool
2+2 cm hard solid wood

glazing

5mm super silver/15/4+4 triplex
low energy

Heating

pellet stove 4 kw

Cooling

aircondition 8 BTU

Kitchen

2 zone ceramic electric stove

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Το **iHouse** είναι ένα brand της εταιρείας **interSCALA**