



# 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





The image shows the interior of a modern, minimalist wooden house. The ceiling is made of dark wood with a curved, ribbed structure and is illuminated by a track of small spotlights. The walls are also made of wood. In the foreground, there is a light-colored wooden chair with a curved back. To the left, there is a low wooden table with a bottle of wine and several glasses. The floor is made of dark wood planks. The overall atmosphere is warm and modern.

## 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.



A photograph of a modern, rectangular tiny house with a facade made of horizontal wooden planks. The house is elevated on a gravel base. A metal ramp with a grid pattern leads up to a dark door. Two bicycles are parked on the ramp. A small window is visible on the side of the house. The background shows a dry, grassy landscape under a clear blue sky with some light clouds.

## ECO iHouse

Prefabrication generates less waste and more opportunities for greener constructions 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

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### 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

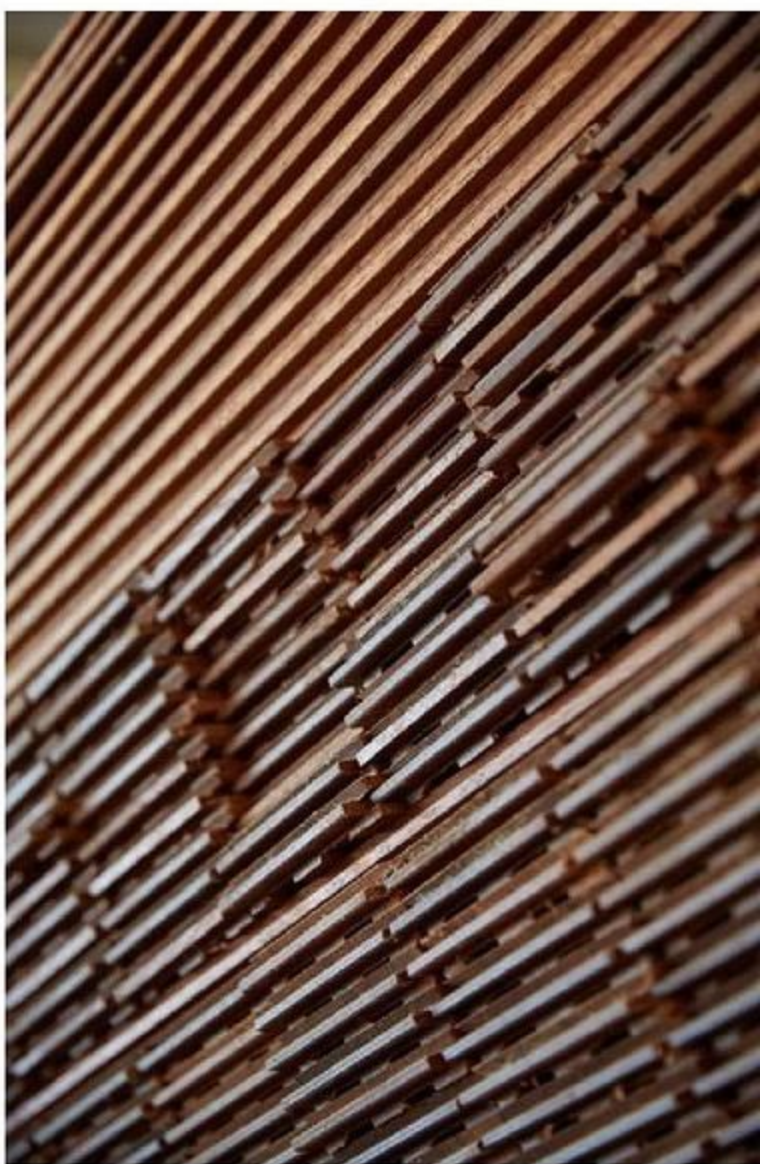
### Inside Walls

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**

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#### **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



**Αθήνα**

Λ. Κηφισίας 98 Μαρούσι, Τ.Κ. 15125

T. +30 210 8065052

F. +30 210 8065677

**Θεσσαλονίκη**

Γ. Παπανδρέου 96 (Πρώην Ανθέων), Τ.Κ. 54655

T. +30 2310 429278

F. +30 2310 429561

**Εργοστάσιο**

Βι.Πε. Θεσσαλονίκης Σίνδος, Τ.Κ. 57022

T. +30 2310 795146

F. +30 2310 795147

E-mail: [info@interscala.com](mailto:info@interscala.com)

[www.ihouse.com.gr](http://www.ihouse.com.gr)

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