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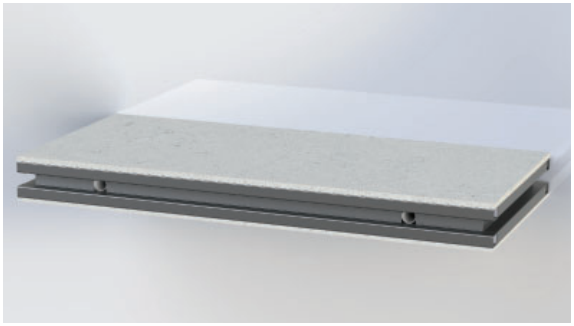
# Uran Panhouse
## solutions



### Panhouse's SIP panel

A self-supporting sandwich panel covered with sheets of Magnesium Oxide.

**Certified for air infiltration and wind loading according to the Florida Building Code (2014) TAS 202.**

Pre-set up for the electrical system.

## What is Panhouse?

The housing solution of the future: self-supporting insulating structural panels that exceed the traditional concept of the load-bearing structure, with the extreme freedom to conceive architectural spaces.

**Count to 3**
Only 3 weeks to build a house from the bottom up.

**Feel at home**
Panels coated on both sides and with a thermal core, to increase thermal/acoustic insulation.

MADE ITALY

**Made in Italy**
The design and solidity of an Italian product.

### Environmentally friendly materials

The material used for the coating of the Panhouse panel is Magnesium Oxide, which is completely inorganic and anti-mold.

### No waste

The Panhouse system does not require cutting, which saves on time and reduces waste and noise pollution.

### Dry construction

A Panhouse is assembled completely without water, which saves hundreds of litres.

### Energy efficiency

The low transmittance of Panhouse panels and accessories allow you to waste less energy.

## Complete freedom of not having a structure

The Panhouse System does not require structural elements because it uses panels. The structure of the panels is fixed to metal guides screwed onto a reinforced concrete foundation.
Each panel is pre-fitted inside for technical equipment (electricity, water and gas) and can be painted or coated.
The System is completed with a structural false ceiling which acts as a closure for the box, supporting the roof trusses.

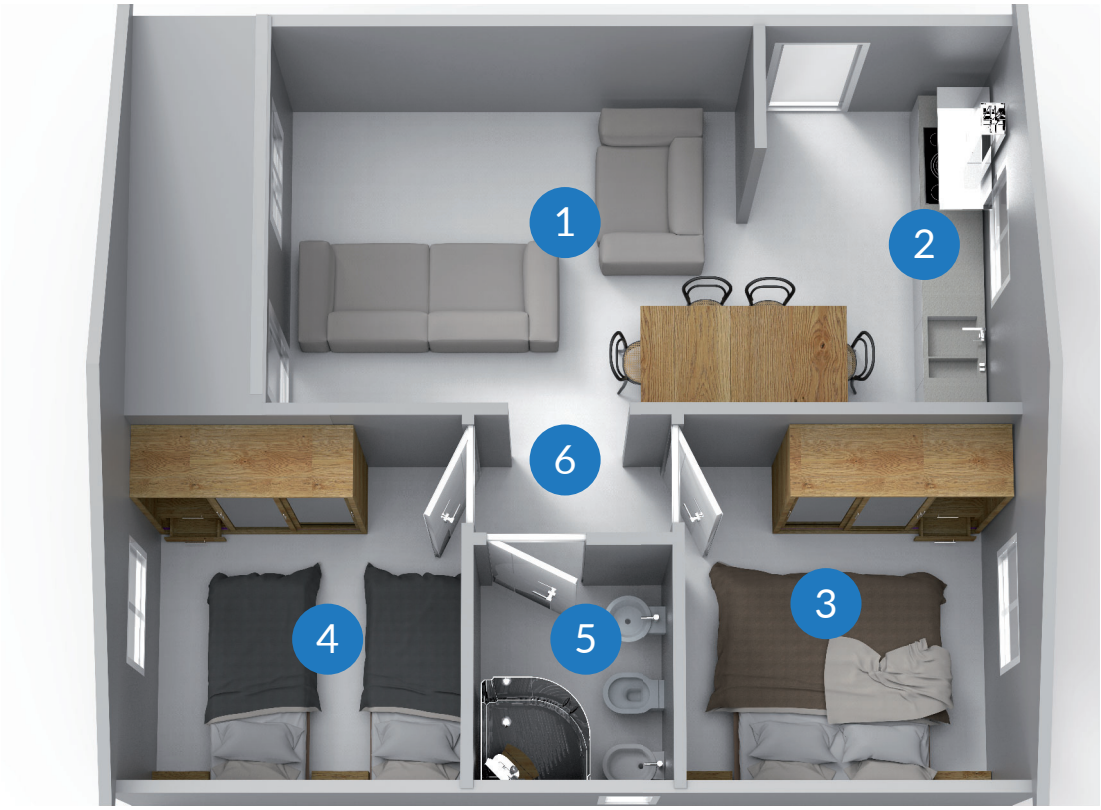
# 48 m²

GROSS SURFACE AREA

### Example: Panhouse 2 rooms

| | |
|---|---|
| **External dimensions** | 7 m x 6 m |
| **Floors** | 1 |
| **Net surface area** | 43 m² |

1 Living room 16 m²
2 Kitchen 7 m²
3 Room 1 8 m²
4 Room 2 8 m²
5 Bathroom 3 m²
6 Hallway 2 m²



# 83 m²

GROSS SURFACE AREA

## Example: Panhouse 2 rooms

| | |
|---|---|
| **External dimensions** | 7 m x 11 m |
| **Floors** | 1 |
| **Net surface area** | 67 m² |

1 Living room 22 m²
2 Kitchen 9 m²
3 Room 1 13 m²
4 Room 2 12 m²
5 Bathroom 3 m²
6 Bathroom 3 m²
7 Hallway 3 m²

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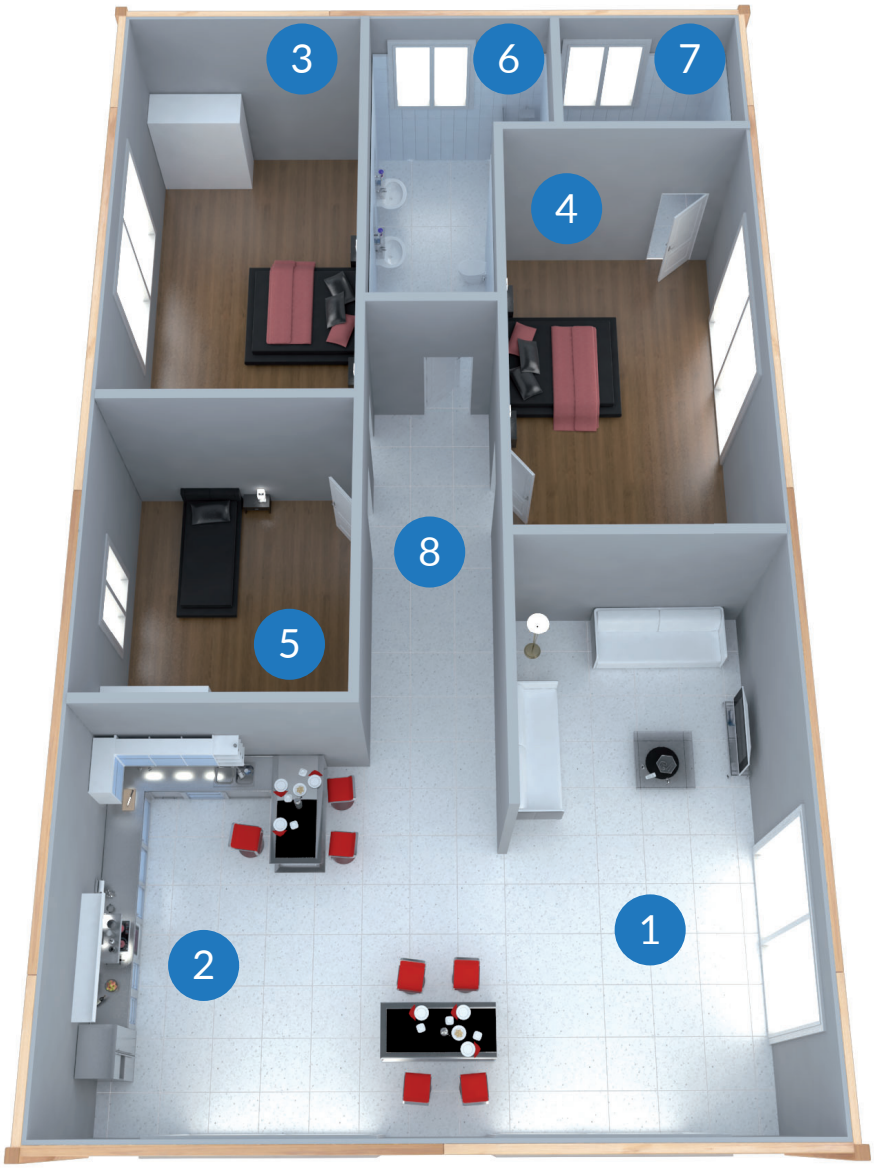
# 95 m²

GROSS SURFACE AREA

## Example: Panhouse 3 rooms

| | |
|---|---|
| **External dimensions** | 7 m x 13 |
| **Floors** | 1 |
| **Net surface area** | 93 m² |

| | | | |
|---|---|---|---|
| 1 | Living room 17 m² | 5 | Room 3 9 m² |
| 2 | Kitchen 18 m² | 6 | Bathroom 1 7 m² |
| 3 | Room 1 15 m² | 7 | Bathroom 2 3 m² |
| 4 | Room 2 15 m² | 8 | Hallway 7 m² |





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