



Tiny homes

**Our capabilities for quality
flat-pack style manufactured housing**

3 October 2023

Our technology



The “Jane-Box” technology

Jane-Box is a proprietary building system using industry 4.0 technology with many benefits, including:

- Convenient transportation
- Reusable and recyclable
- Fast installation
- Highly customizable
- Uses industrialised construction methods



1



Fast

Four times faster than traditional construction

The project design-manufacturing-delivery period is only three months, and taking only 45 days from manufacturing to installation, which is 25% of the traditional hotel construction period.

2



Reliable quality

Millimeter machining accuracy

The use of factories to produce all building components ensures stable product quality, environmental protection and reliability.

3



Easy installation

Traditional construction using 20% of the onsite labour

We adopt a non-destructive installation method where local workers can also build high-quality houses, greatly Reducing the on-site installation costs.

4



Reusable and recyclable

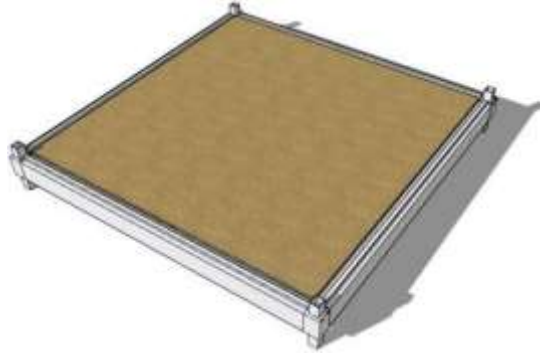
Green and environmentally friendly building technology

We use a construction technology that can be repeatedly disassembled, so that our houses can be relocated or recycled many times, making houses more green and environmentally friendly.

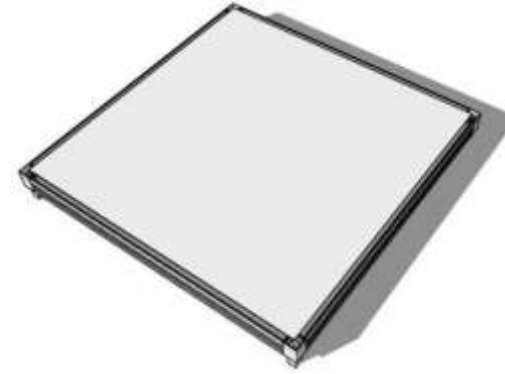
Customisation and industrialisation



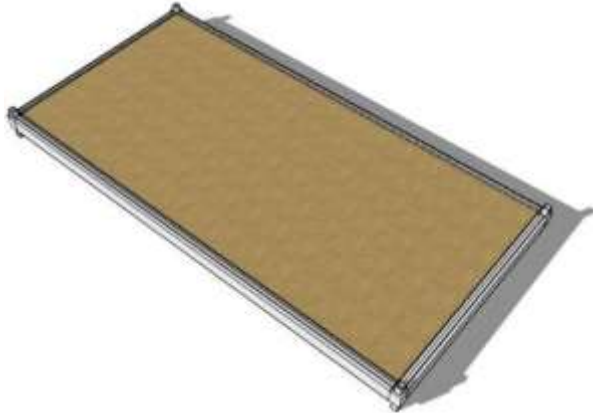
2.4x2.4m Foundation Panel



2.4x2.4m Floor Panel



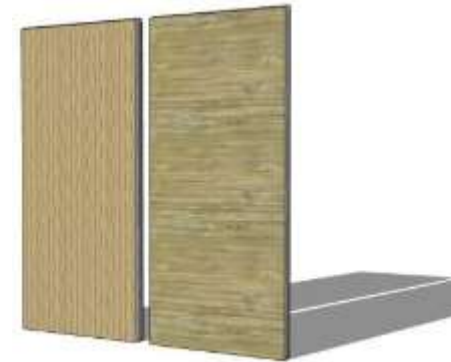
2.4x2.4m Roof Panel



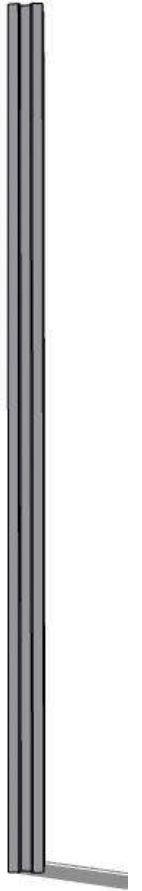
2.4x4.8m Floor Panel



2.4x4.8m Roof Panel



Wall Panel



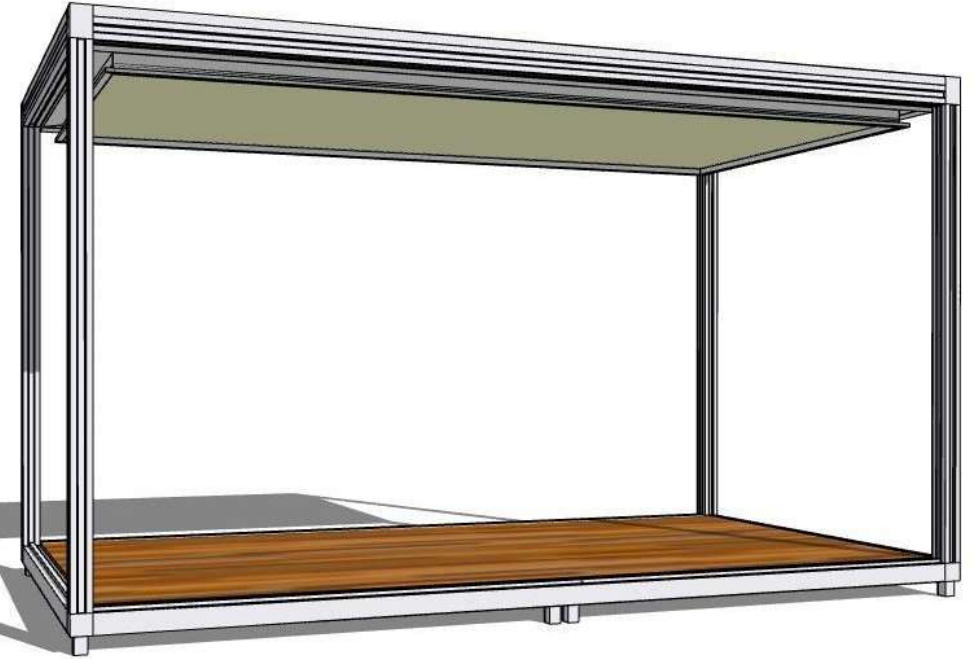
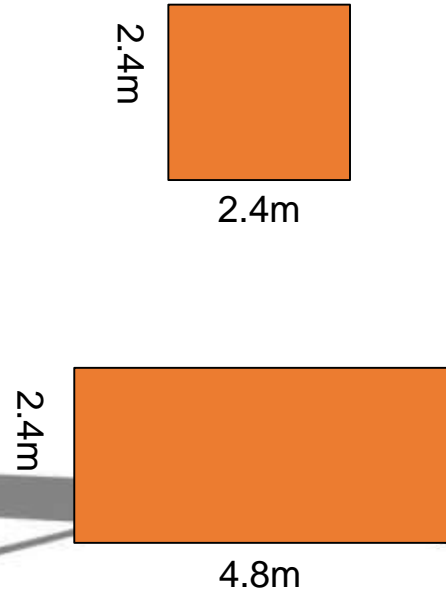
Column

Tiny House Industrial Components

Customisation and industrialisation



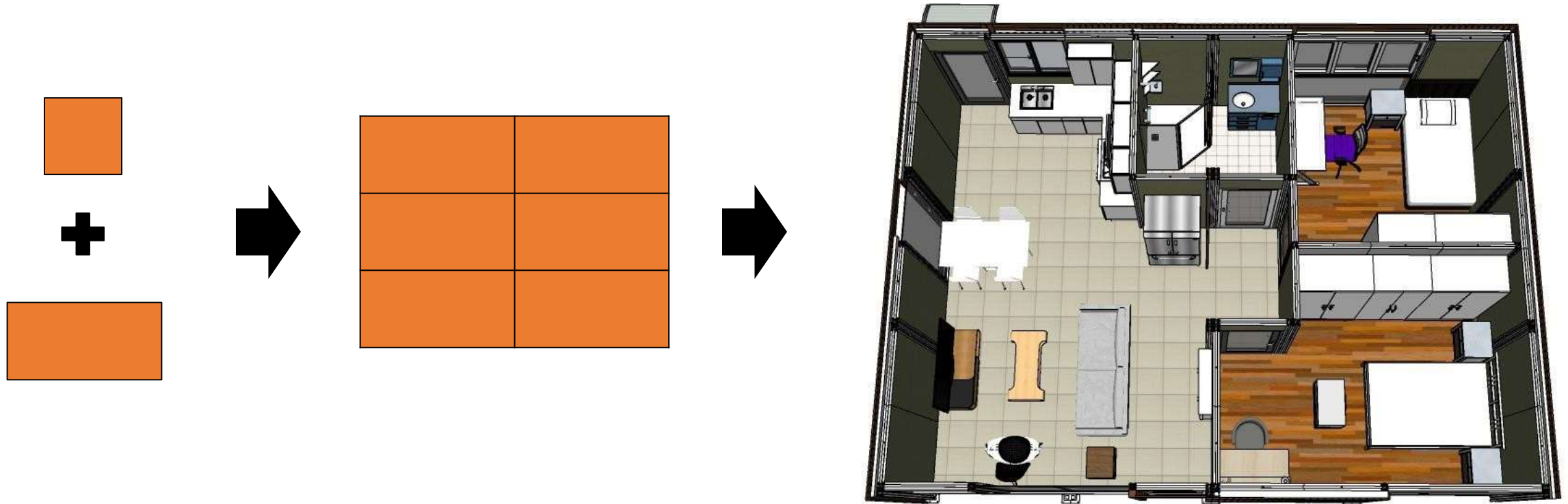
Cube Module



Cuboid Module

Two standard modules

Customisation and industrialisation



Expandable housing

The design concept can change according to the client's needs with the number of rooms able to be increased or decreases according to actual needs.

Diverse claddings



House plan

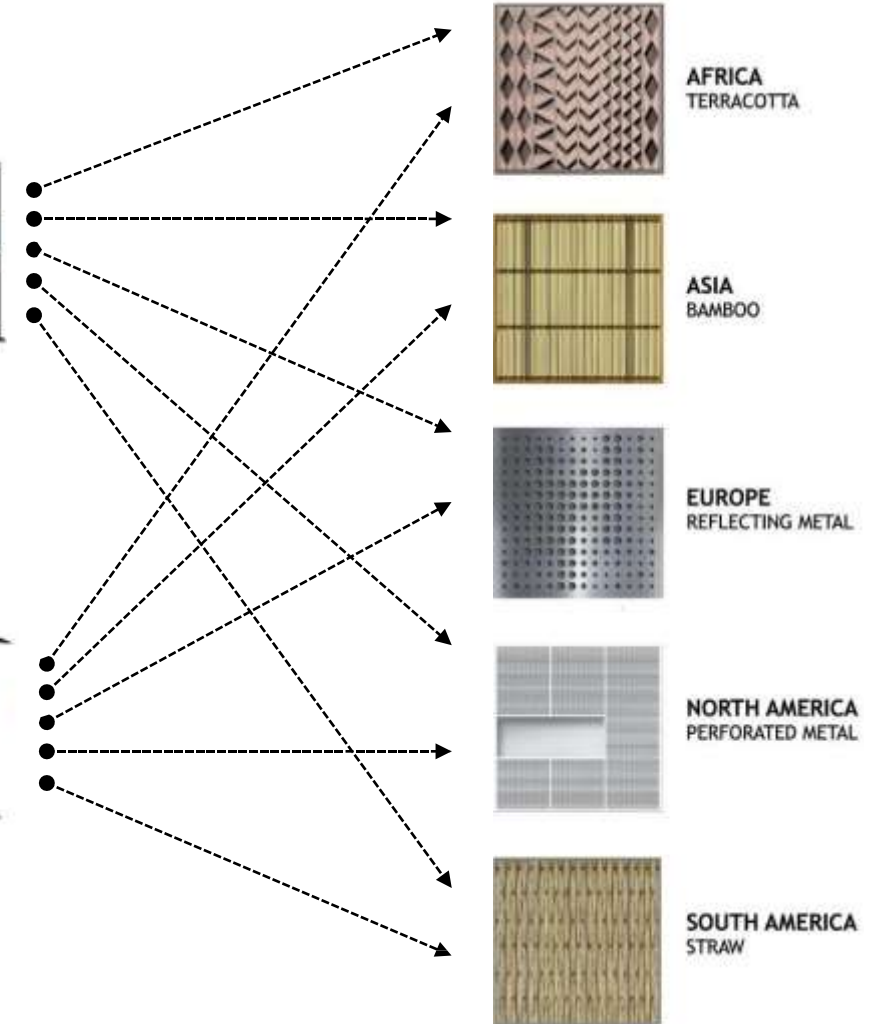


Flat roof



Pitched roof

External look



Cladding types



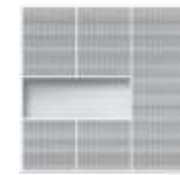
AFRICA
TERRACOTTA



ASIA
BAMBOO



EUROPE
REFLECTING METAL

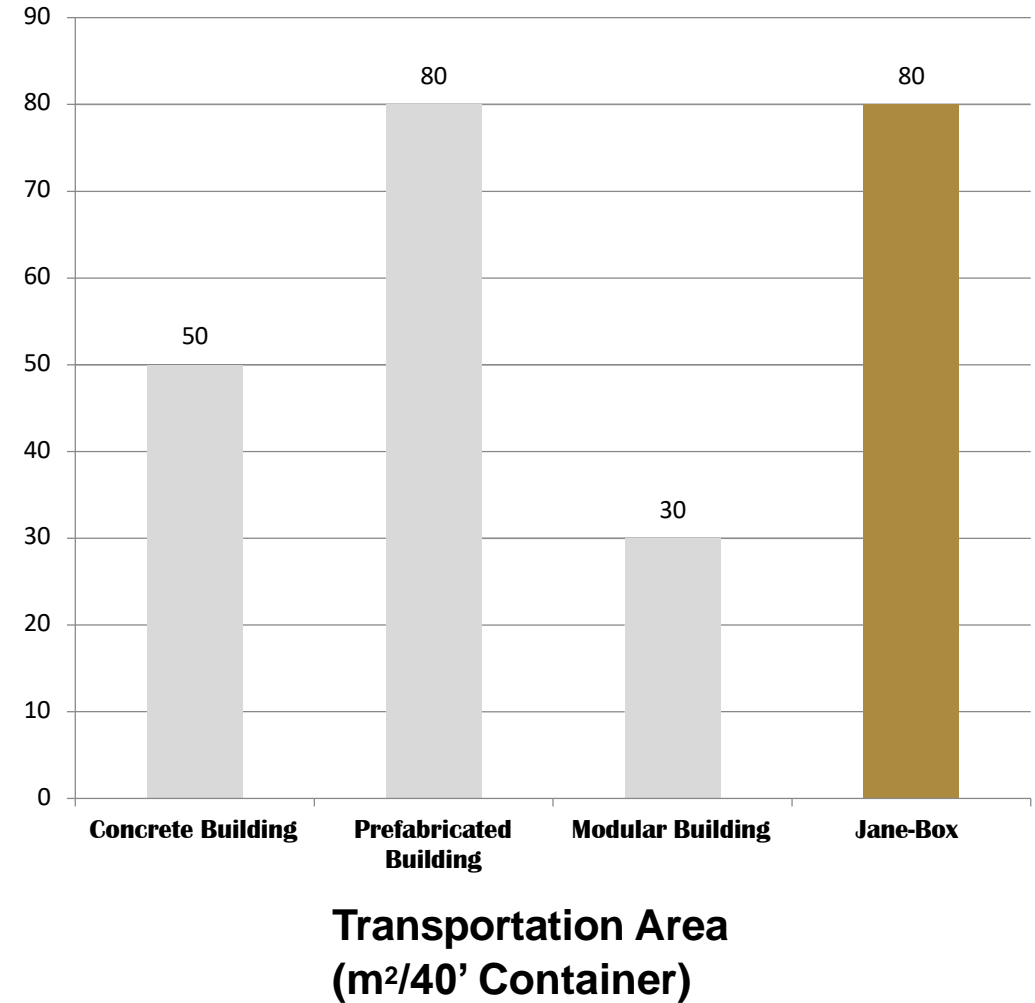
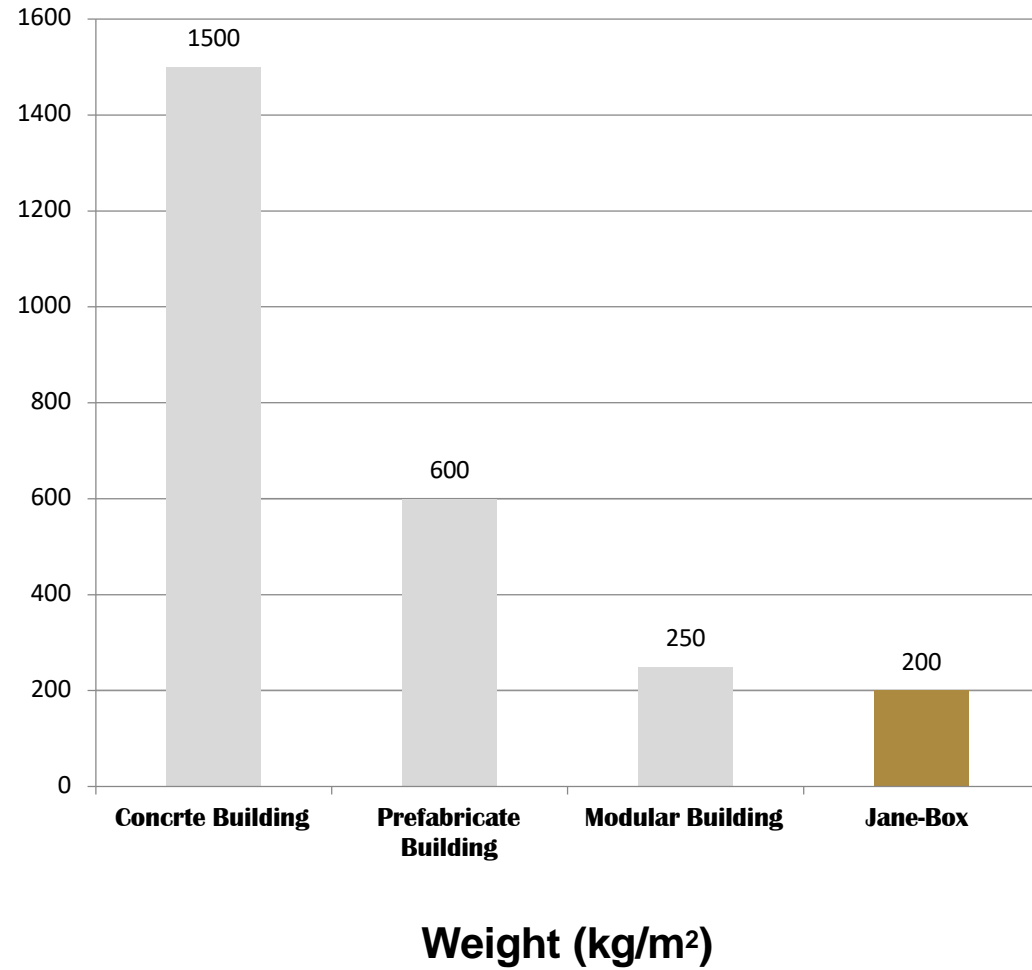


NORTH AMERICA
PERFORATED METAL

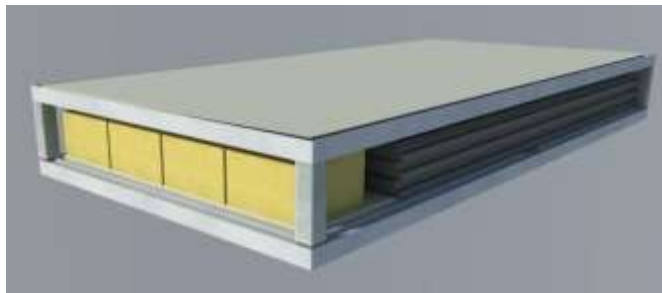
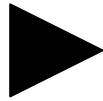
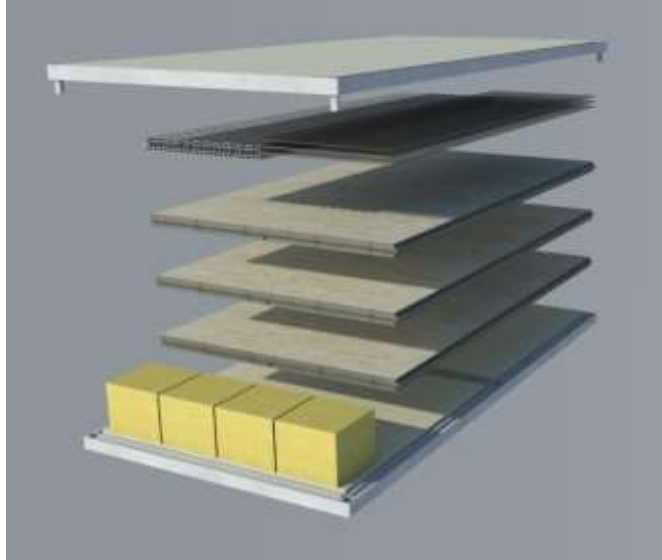


SOUTH AMERICA
STRAW

Convenient transportation

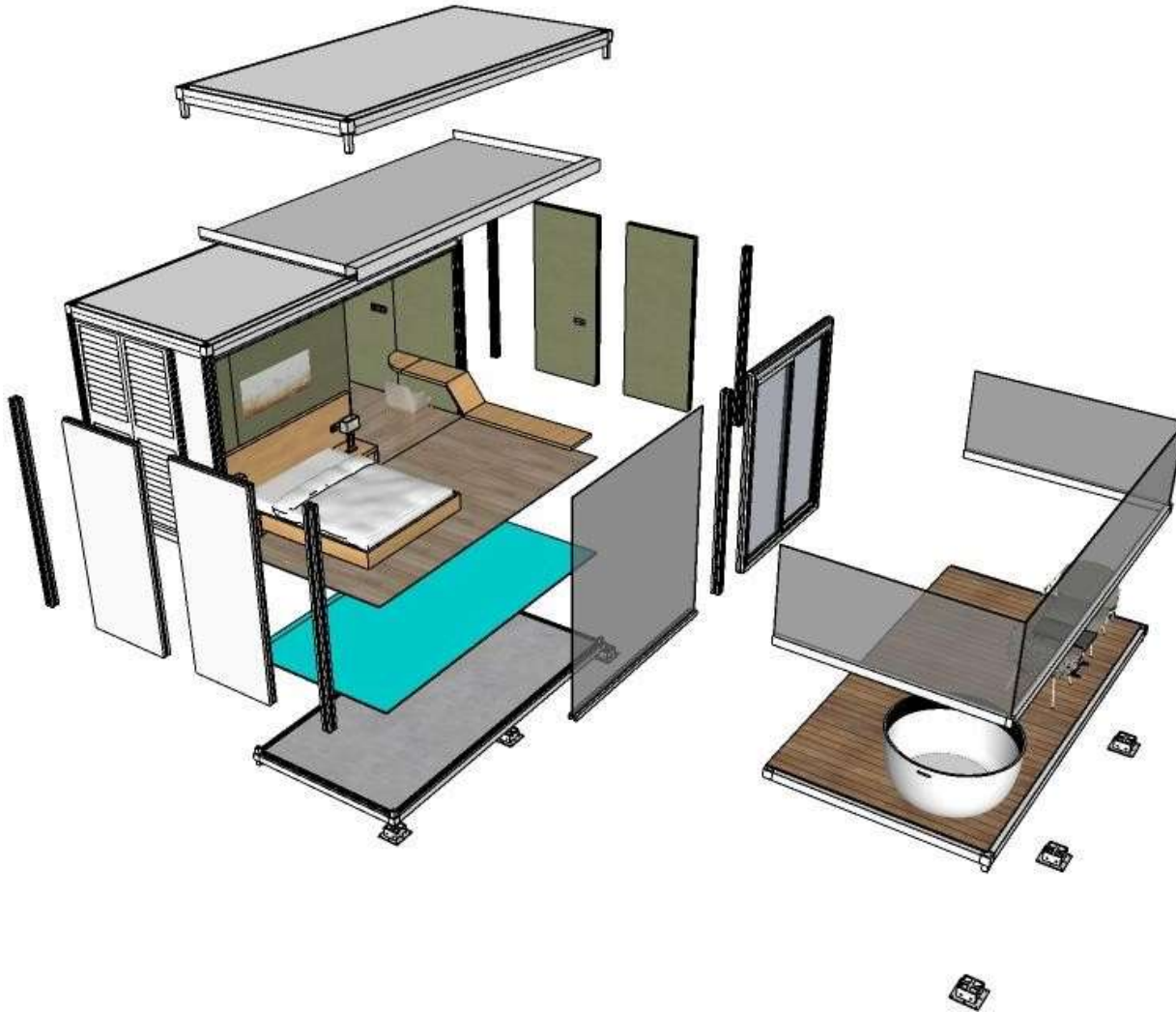


Convenient transportation



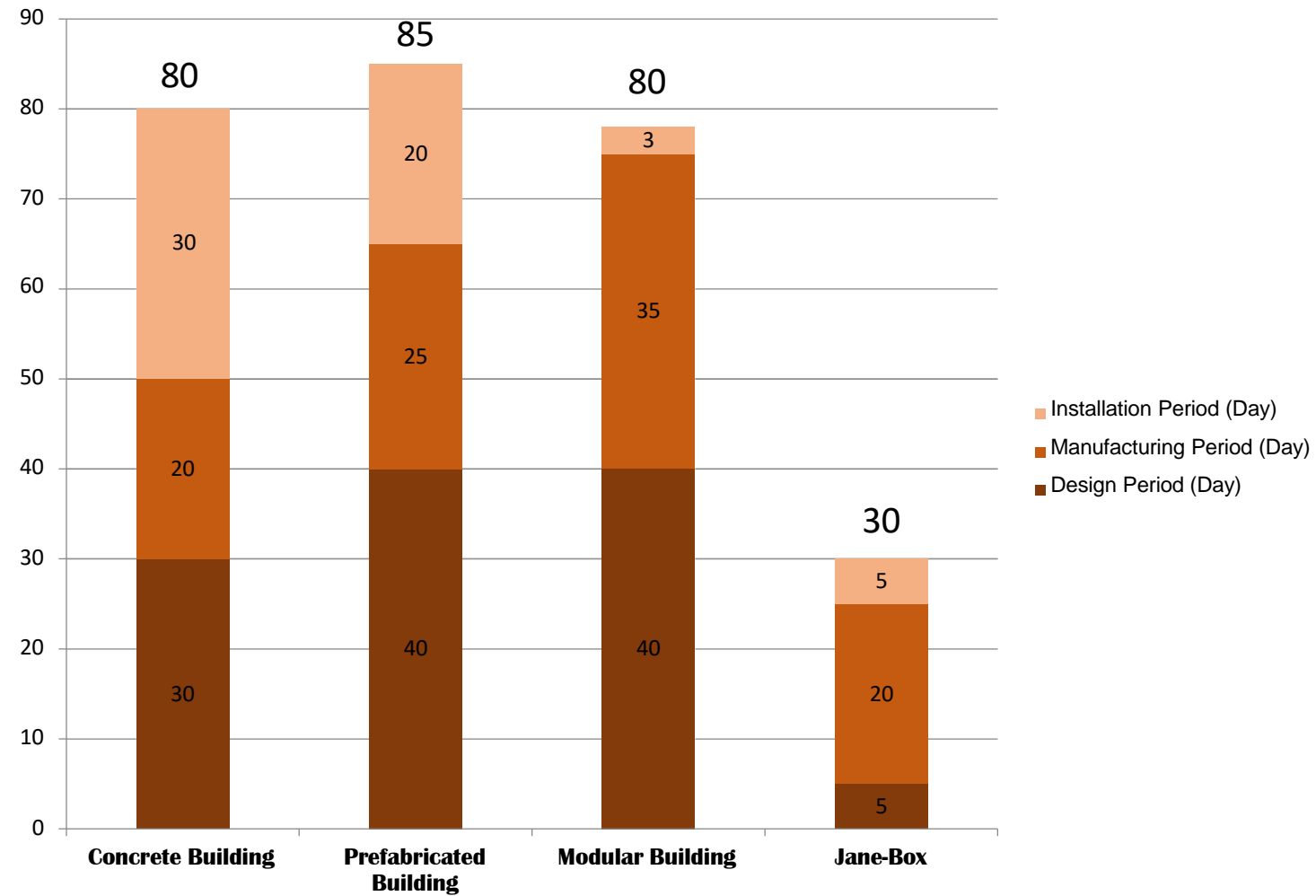
Efficient packaging

Reusable and recyclable



Non-destructive connections:

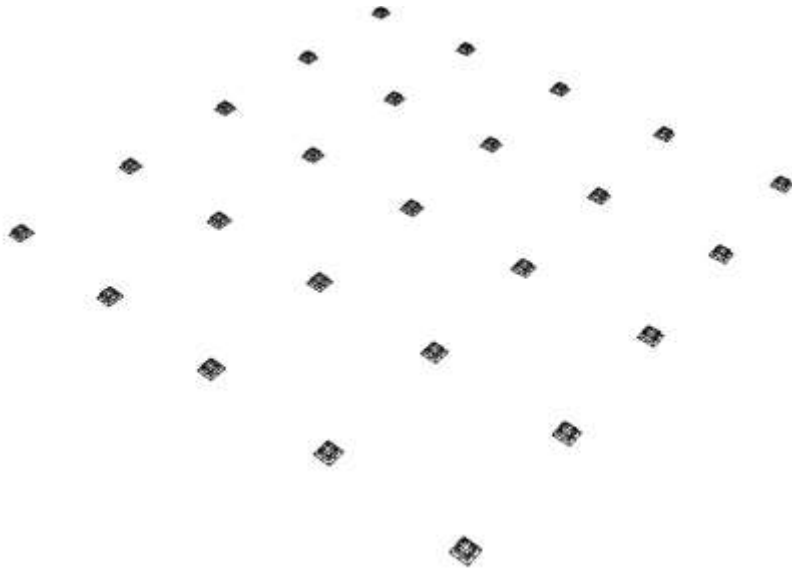
- Bolted connection
- Insertion connection



Delivery Period

Fast installation

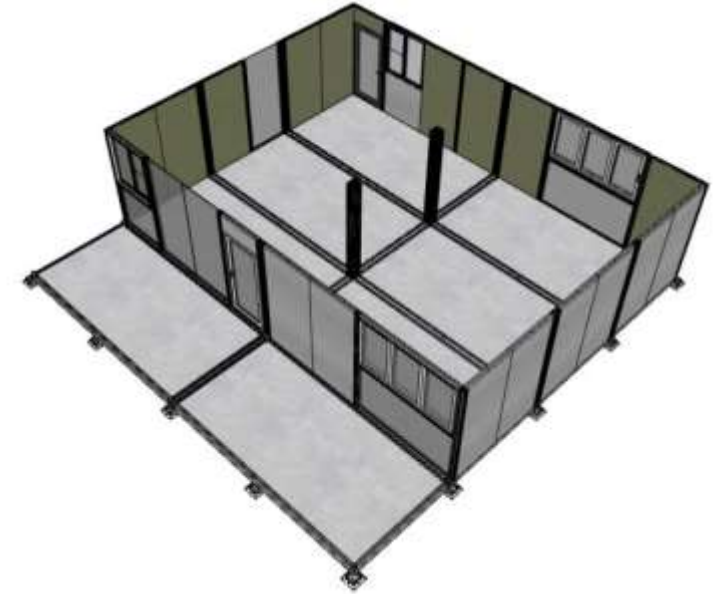




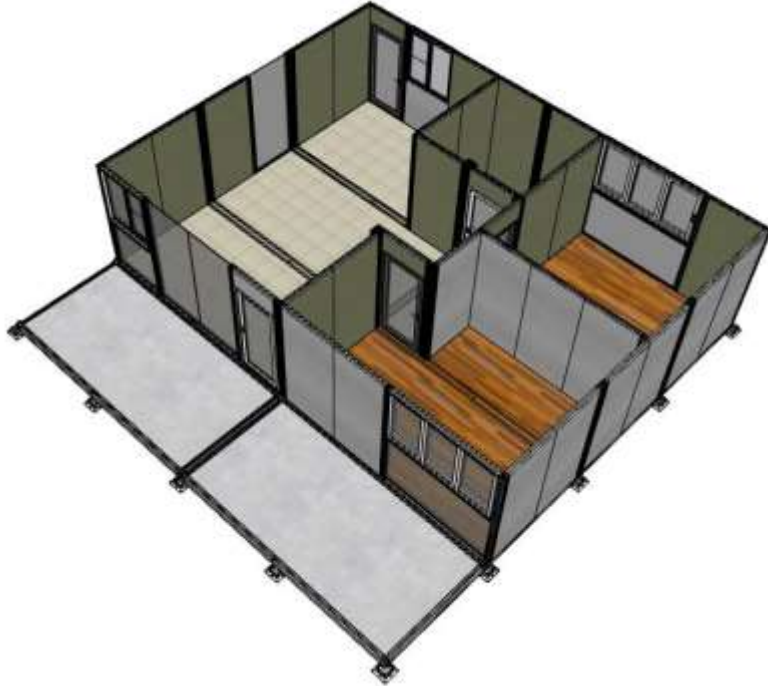
Foundation Connectors



Floor Panels



Wall Panels & Columns



Inner Wall Panels



Toilet Module



Roof Panels



Terrace



External Purlin



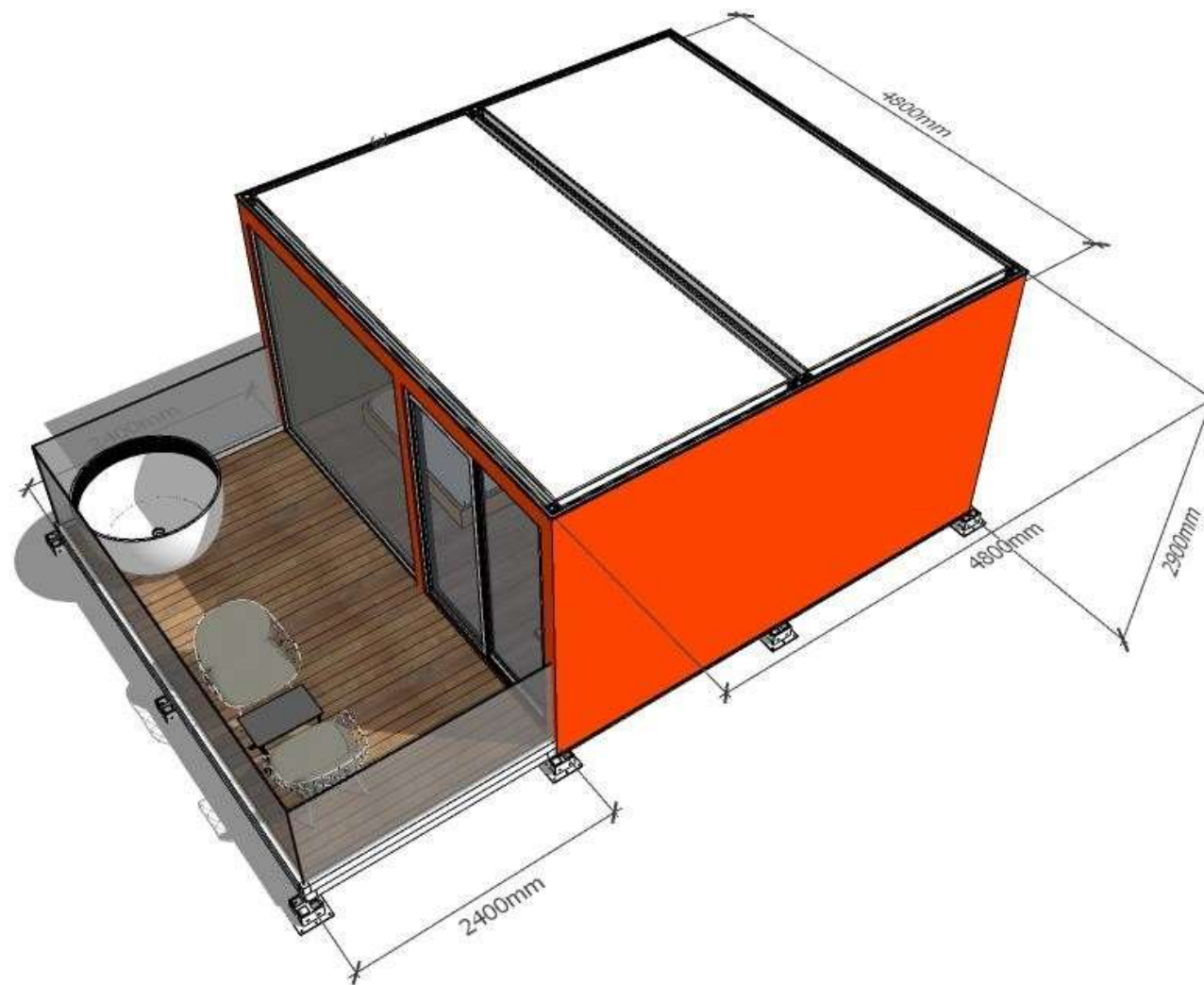
Wood Decoration

Our products

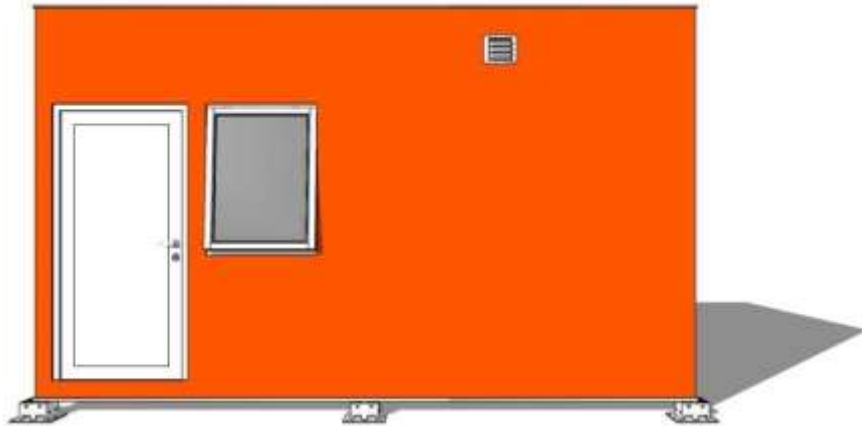




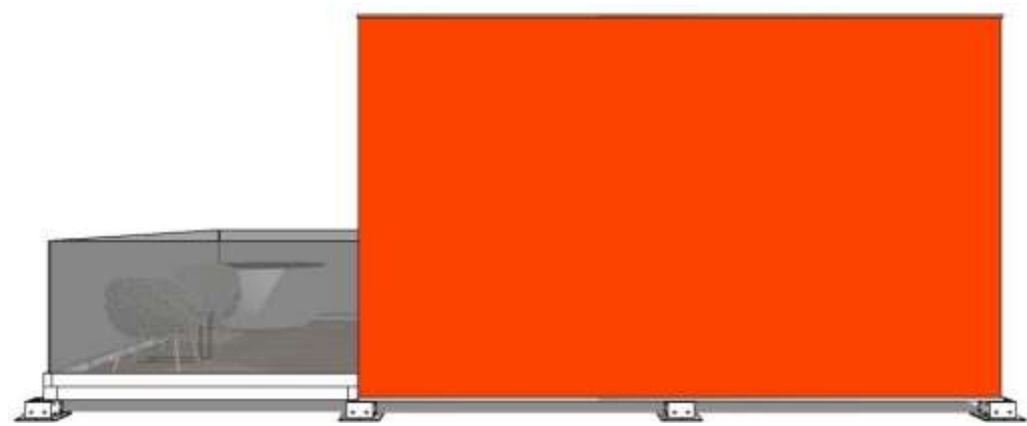




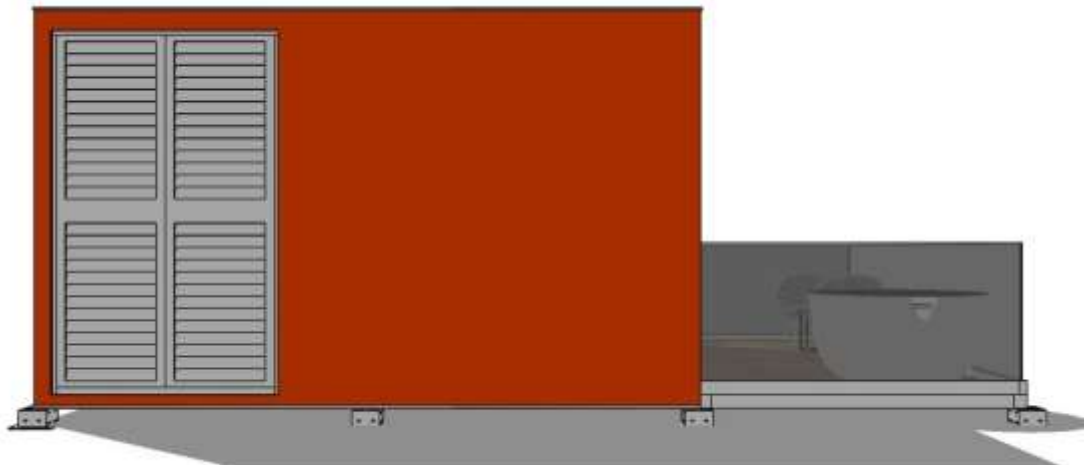




Front view



Right Elevation



Left Elevation

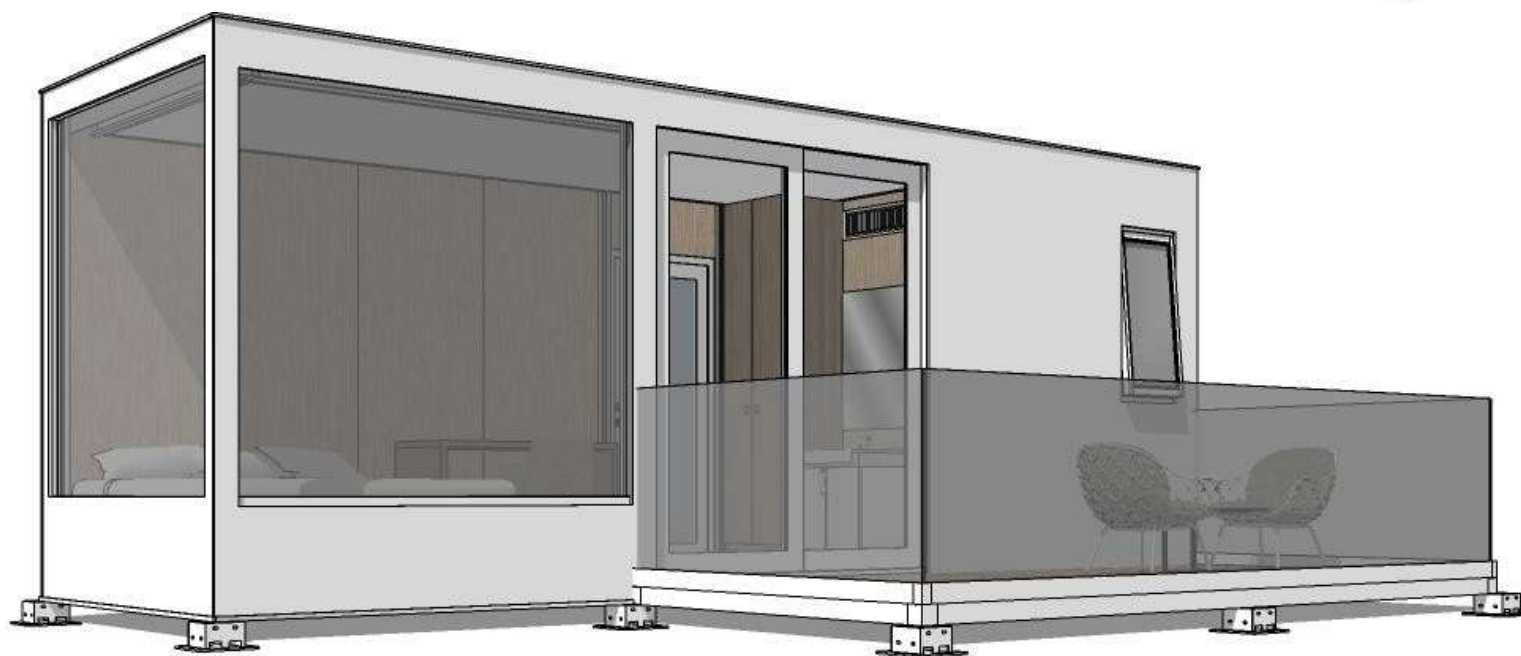


Back view



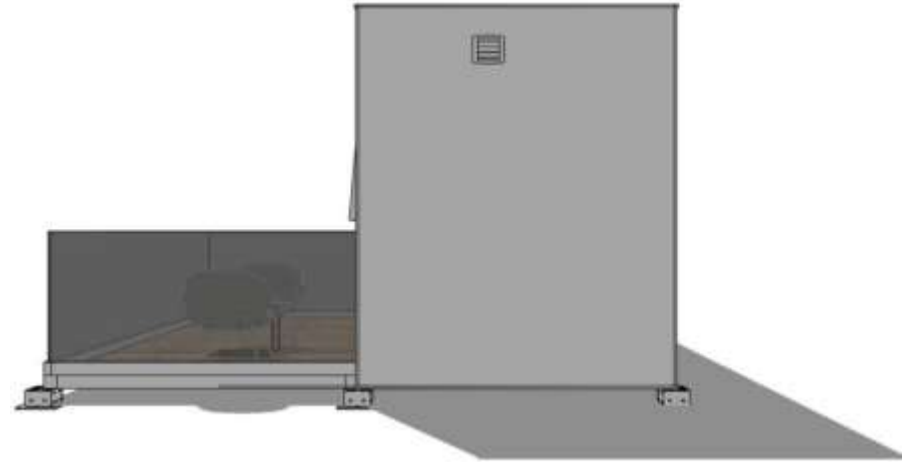




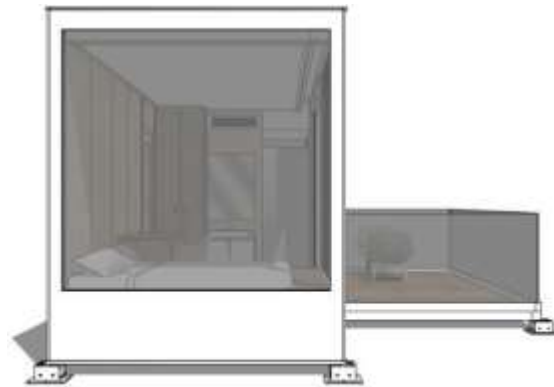




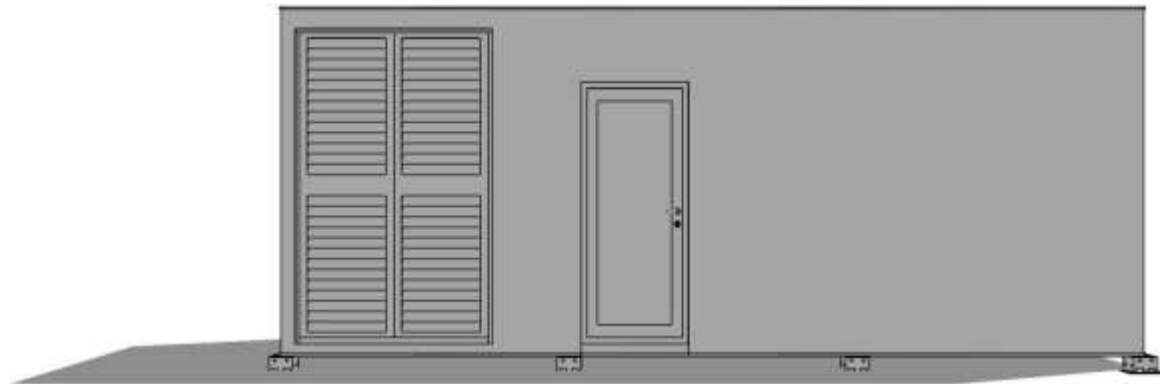
Front View



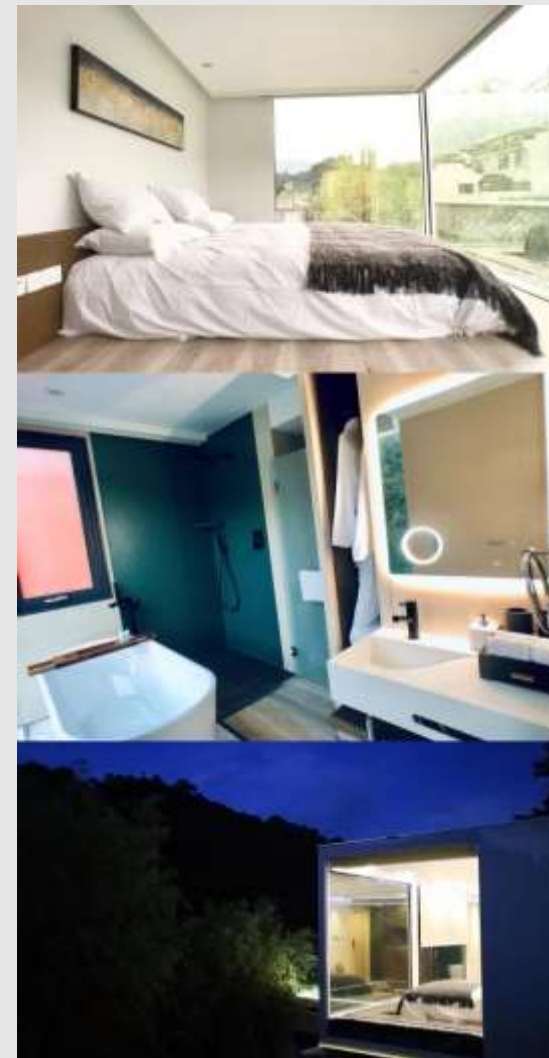
Left Elevation



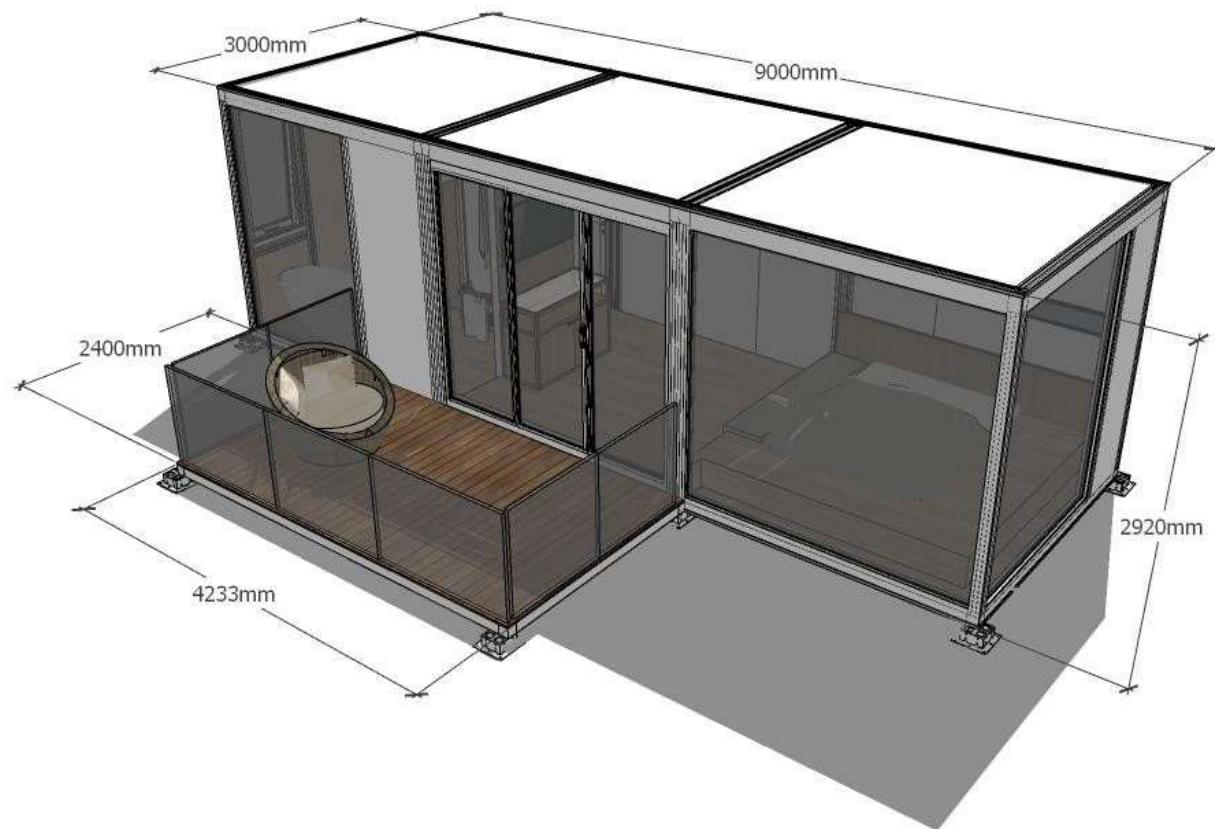
Right Elevation

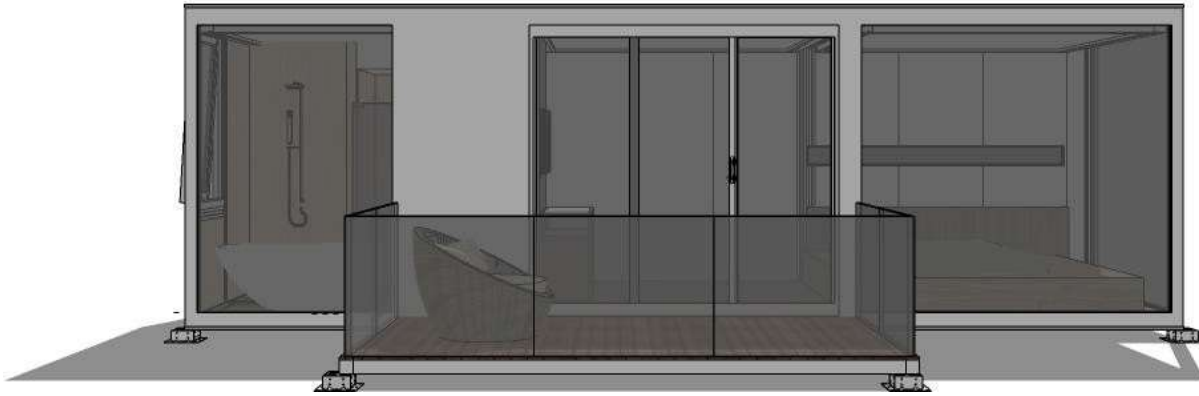


Back Elevation

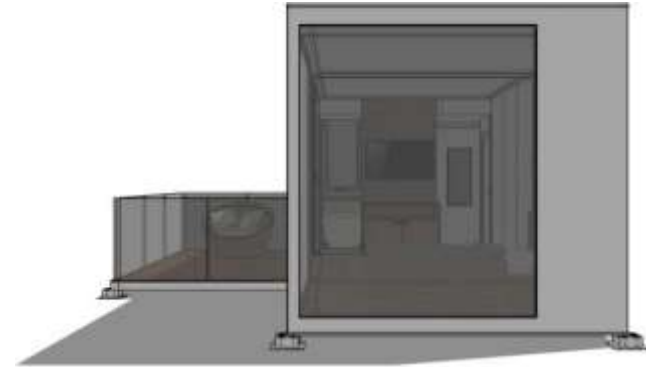




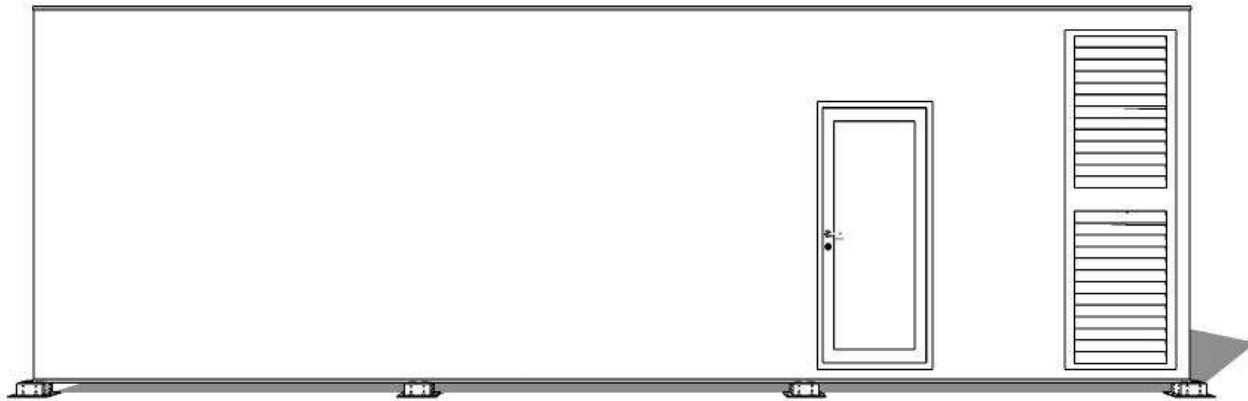




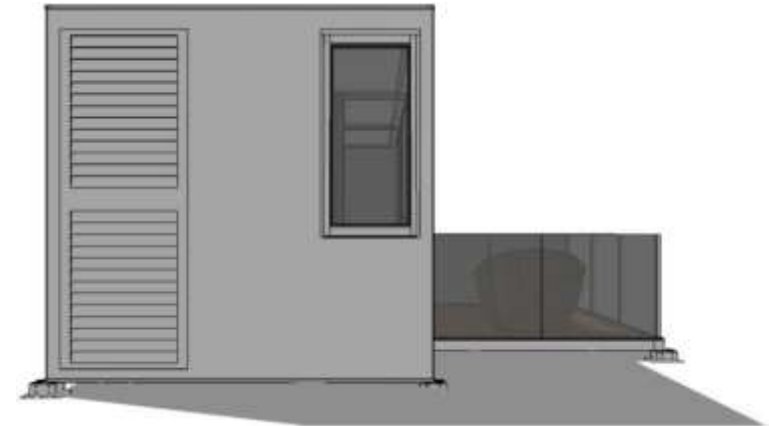
Front View



Left Elevation



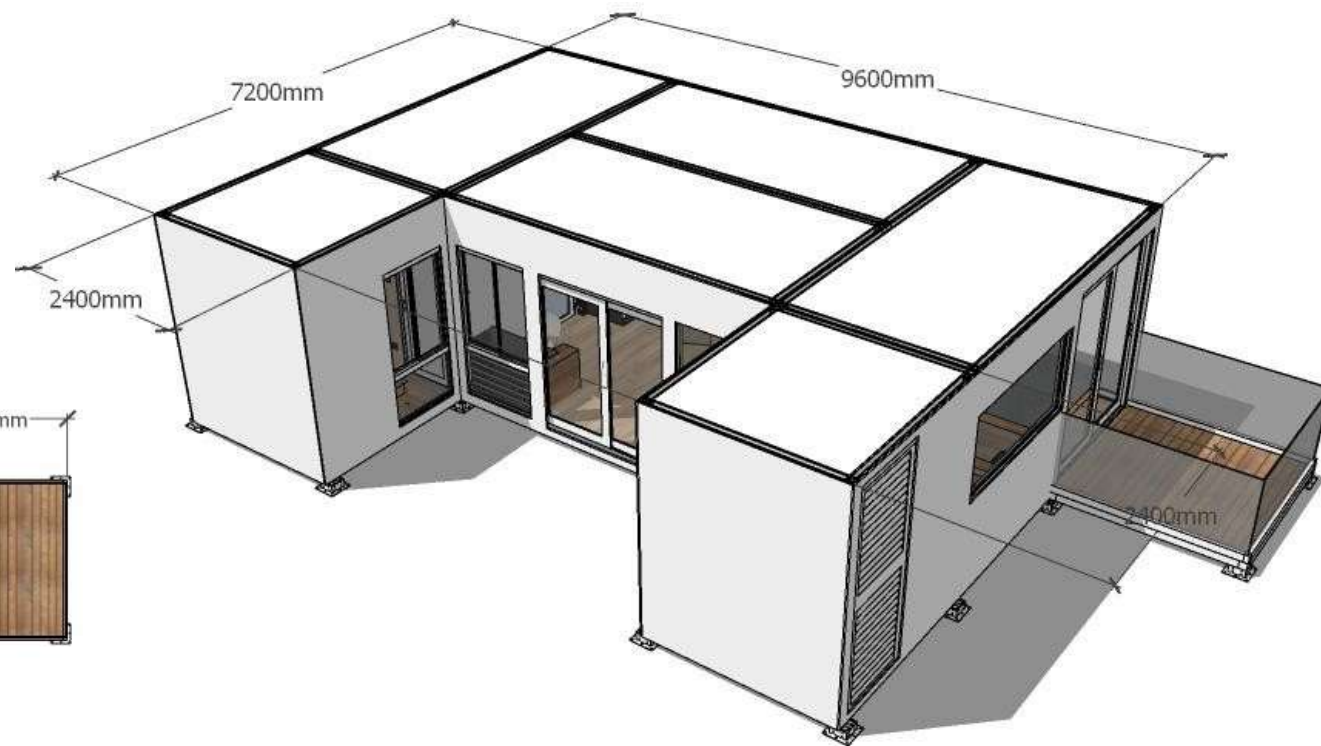
Back Elevation



Right Elevation

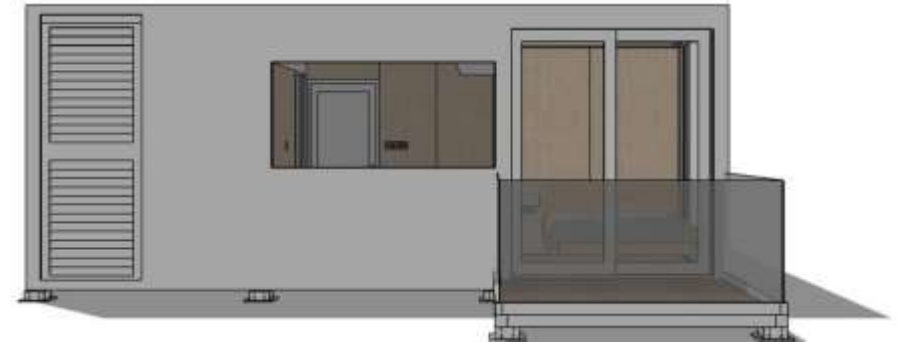




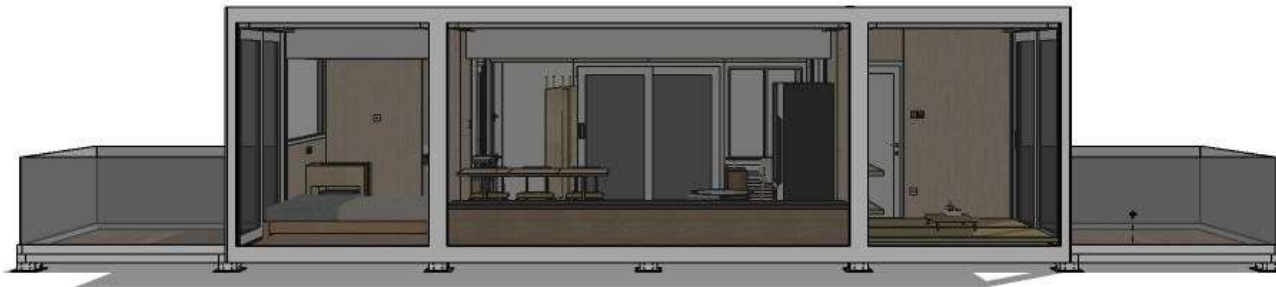




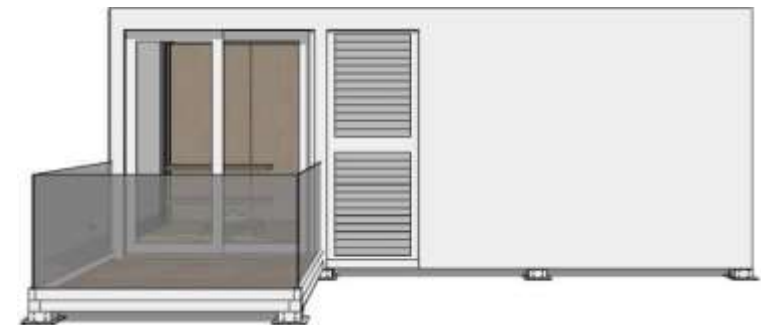
Front View



Left Elevation



Back View



Right Elevation

Other design samples





Contact us



Petra Modular – Malaysia

Jalan Canang Emas 7/KS10, Kampung Telok Gong, 42000 Klang, Selangor, Malaysia

Petra Modular – Australia – East

74-76 Magnesium Drive, Crestmead 4114, Queensland, Australia



For more information

E: contact@petramodular.com

W: www.petramodular.com

Luke Tingley

Executive Director

E: luke@petragroup.net

M: +60 176 969 283

Matt Ferrie

Business Development Manager

E: sales.westkey@petragroup.net

M: +61 491 036 059

Dennis McMahon

Business Development Manager

E: dennis@petragroup.net

M: +60 169 839 715

+61 402 612 471

Matt Williams

Operations Manager

E: matt@petragroup.net

M: +60 133 768 464

+61 414 475 220