

Container House Catalog



PART ① Product Overview

- 》 ***Wide range of applications***
- 》 ***Easy to install & move***
- 》 ***Sound & thermal insulation***
- 》 ***durable and environmentally friendly***
- 》 ***Various combinations***

This product adopts innovative design concepts and environmentally friendly and durable materials, creating various possibilities for our lives.

Expandable folding structure, easy to move and transport. After relatively simple expansion of the structure, we obtained three times the room area.

The framework of the product is made of recyclable steel, and the walls and roofs are made of environmentally friendly sandwich insulation boards. We provide sandwich insulation panels of various thicknesses and various models of doors and windows to ensure the insulation performance of the room. This also allows the product to be applied in different regions.

The product supports various combinations, with room areas ranging from 18 square meters to 72 square meters. Additional terraces and roofs can be installed, and the internal layout of the room can be customized.

Our products can be applied to family residences, scenic hotels, office reception halls, breeding farms, and post disaster temporary buildings. We can provide expandable folding house solutions for various occasions.

PART ② Product Display

》 *Product Description*

》 *Product Size*

》 *Product structure*

》 *Product interior layout*



20ft small expandable folding room

Product Description

- 20 ft 700mm wide extended folding room, add support legs and hydraulic rods
- Function of supporting legs: ensuring stability during expansion
- Function of hydraulic rod: save manpower during expansion process
- It is small in size and can transport six sets in a 40ft container. It can be assembled and used by 4 people, and the installation is quick.
- Doors, windows and exterior colors can be customized in a variety of ways

Product Size	
Expand size	L5900*W4800*H2480mm
Internal dimensions	L5460*W4640*H2240mm
Folded size	L5900*W700*H2480mm
Covered area	27.5m ²



20ft expandable folding room



Product Description

- The exterior can be insulation panels of different colors or patterns, the door and windows can be customized as sliding or hinged.
- The appearance of the optional metal carving board makes it elegant and beautiful.
- Ripple plates can be added at the top for easy drainage and dual layer protection.
- The 40ft container can transport 2 sets, and can be customizable with awnings and terraces.



Product Size

Expand size	L5900*W6300*H2480mm
Internal dimensions	L5460*W6140*H2240mm
Folded size	L5900*W2200*H2480mm
Covered area	37m ²

20ft expandable folding room with integrated wind, solar and storage

Product Description

- ▶ The utilization of new energy generation systems. Solar and wind energy can be used for power supply, which can be used or stored in energy storage batteries. Green electricity can be used for household appliances through inverters.
- We also provide external power interfaces to ensure sufficient power supply.

Product Size	
Expand size	L5900*W6300*H2480mm
Internal dimensions	L5460*W6140*H2240mm
Folded size	L5900*W2200*H2480mm
Covered area	37m ²



- ▶ New energy power equipment configuration: solar photovoltaic panels (450W * 12 pieces, total capacity 5400W), wind turbine (300W vertical axis), energy storage box (5000W lithium iron phosphate battery rechargeable), 5000W solar controller and inverter integrated machine,
- ▶ Adaptation area: Areas without electricity supply such as farm edges, islands, scenic homestays, etc.



Solar controller & inverter integrated machine



Storage box



Distribution box



Wind power controller

20ft high expandable folding room



Product Description

- The room height and area have increased compared to the regular model, making it more spacious.
- The product has various appearances and shapes, and can be customized for glass curtain wall french window.
- Indoor lighting is better, and using an open top container can achieve logistics transportation.

Product Size	
Expand size	L5900*W7070*H2940mm
Internal dimensions	L5460*W6910*H2700mm
Folded size	L5900*W2050*H2480mm
Covered area	37m ²

20ft expandable folding house with double pitched roof



Product Size	
Expand size	L5900*W6300*H3080mm
Internal dimensions	L5460*W6140*H2240mm
Folded size	L5900*W2200*H2480mm
Covered area	37m ²

Product Description

- The main body of the house roof adopts light steel keel, the roof adopts European pine board, waterproof film and asphalt shingle, and the eave edge adopts aluminum-plastic board, which is in line with the public aesthetic.
- The roof facade is made of the same metal carving plate, which can form a strong sense of shape and can make a variety of shapes, which makes the roof and the house as a whole aesthetic.
- The design of the double sloping roof enhances drainage and insulation functions. Due to its slope design, rainwater can flow down quickly, and the insulation effect of a double roof is much better than that of a flat roof.



20 ft flat roof expandable folding house



Product Description

- Flat top design, simple and beautiful, and conducive to drainage increase indoor lighting and ventilation.
- Durable structure that because of its flat-roof structure, it can be designed as a two-story house
- 40ft container can transport 2 sets

Product Size	
Expand size	L5900*W6420*H2450mm
Internal dimensions	L5740*W6260*H2250mm
Folded size	L5900*W2250*H2450mm
Covered area	38m ²

40 ft expandable folding house

Product Description

- The space is larger, twice the area of a 20 ft expanded house, which can meet more residential or usage needs.
- The same simple installation process as a 20 ft expandable house.
- Due to the large space, the internal layout is more flexible, and according to customer needs, water and electricity systems, bathrooms, shower rooms, kitchens, etc. can be installed before leaving the factory.
- All configurations of a 20 foot expansion house can also be applied to a 40 foot house
- 40ft container can transport 2 sets



Product Size	
Expand size	L11800*W6220*H2480mm
Internal dimensions	L11540*W6060*H2240mm
Folded size	L11800*W2200*H2480mm
Covered area	72m ²

Water Leakage Test



The design of the corrugated board on the roof panel can achieve a double-layer waterproof effect.



The design and installation of corrugated cardboard ensure that the roof forms a certain slope (slight double slope), which is conducive to drainage.



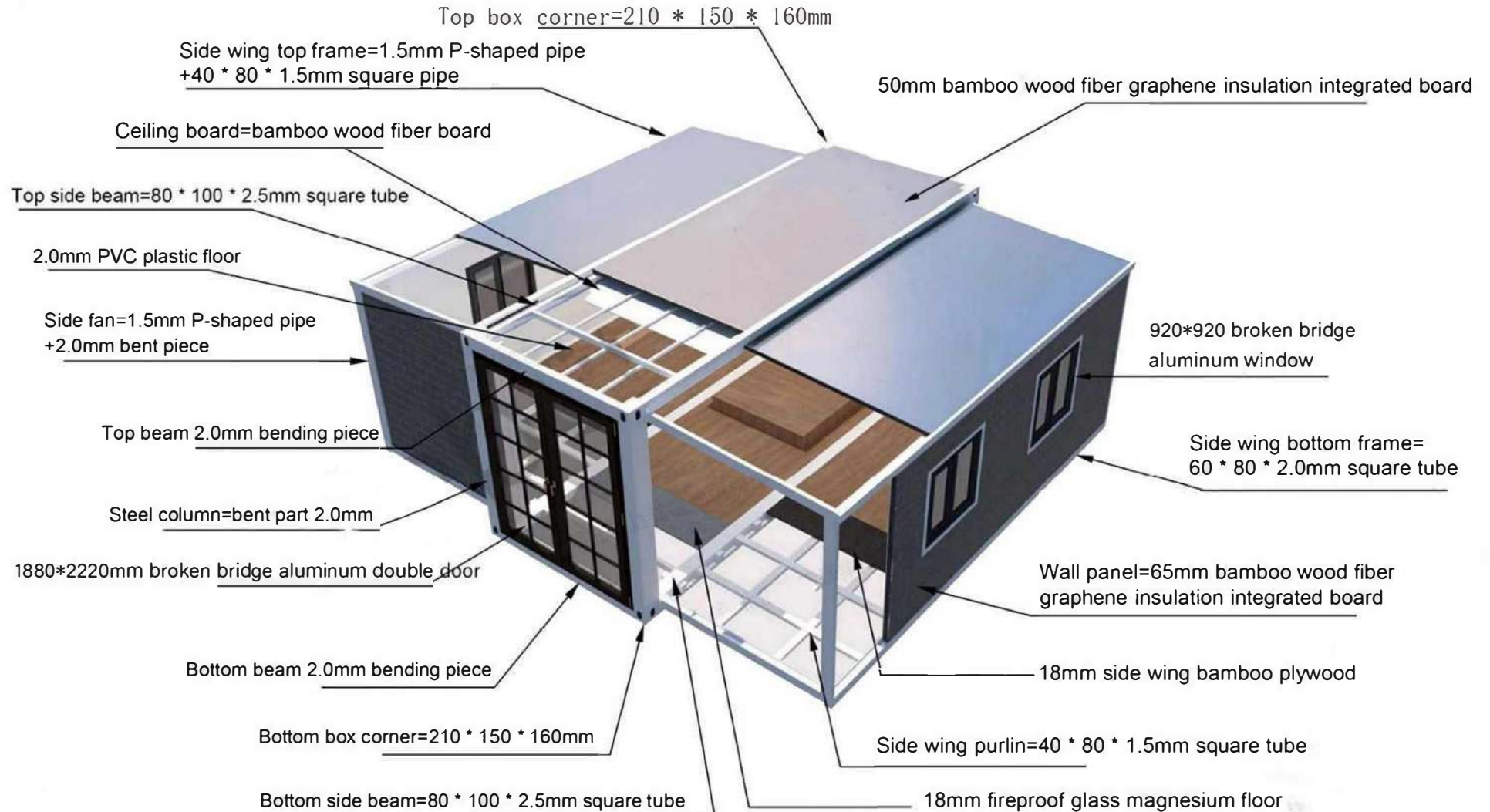
In the design of the overall structure, the folding joint of the side roof is retracted into the main roof to avoid the situation of gap leakage. Meanwhile, apply butyl waterproof tape externally for secondary protection.



In the application of snap on design in roof wall panels, seamless connection of wall panels is achieved, eliminating common water leakage problems in traditional roof materials and greatly improving the waterproof performance of the roof.

Product structure

Product Structure Schematic



Product layout



20 ft 1 bedroom
and living room



20 ft 2 bedroom
and living room



30 ft 1 bedroom
and living room



30 ft 2 bedroom
and living room



40 ft 2 bedroom
and living room



40 ft 3 bedroom
and living room



40 ft 3 bedroom
and living room

Product Completion of interior decoration



One bedroom
and living room



Two bedrooms
and living room



Two bedrooms and one living
room (master bedroom)



Two bedrooms and one living
room (second bedroom)

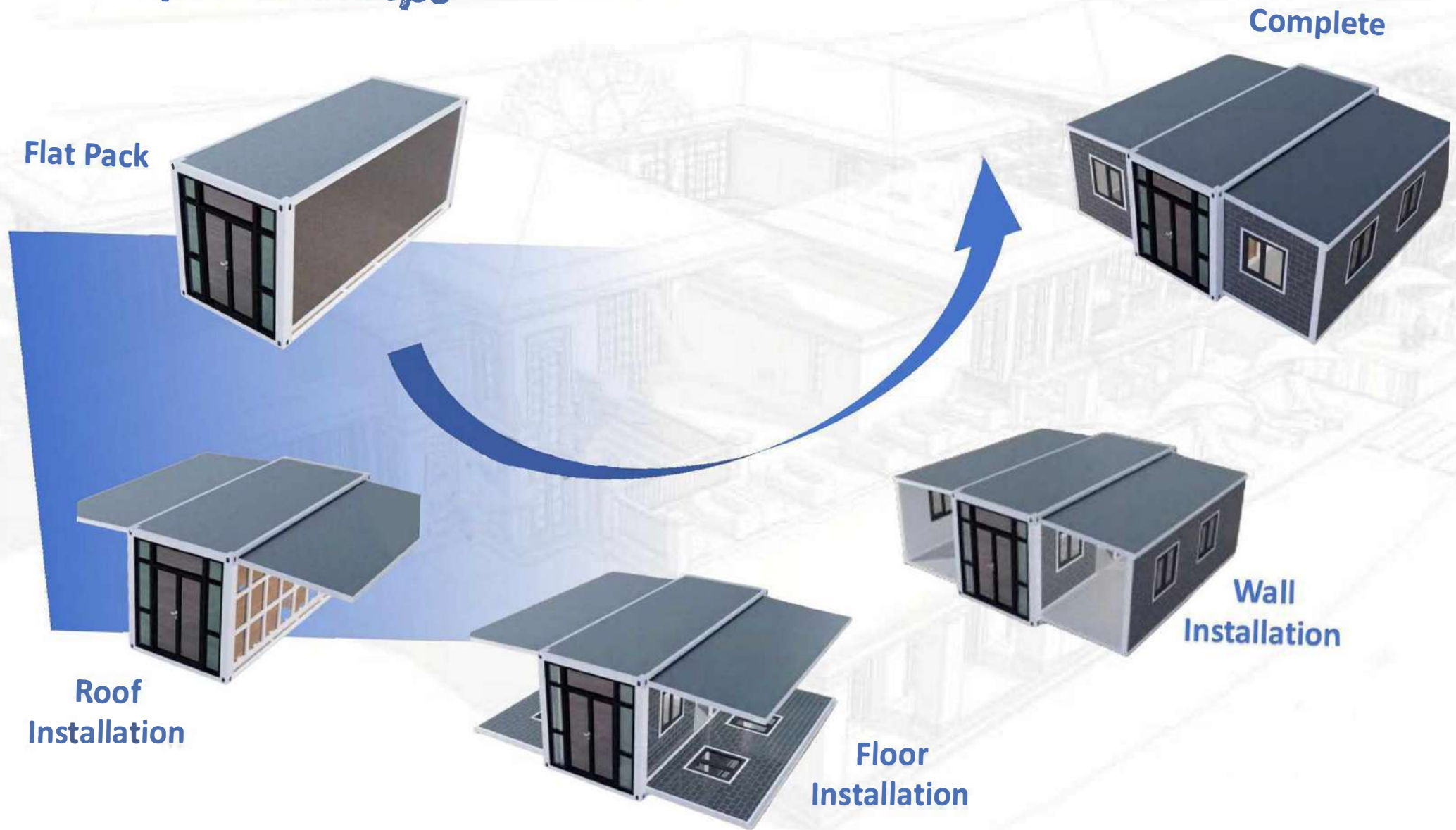


kitchen interior

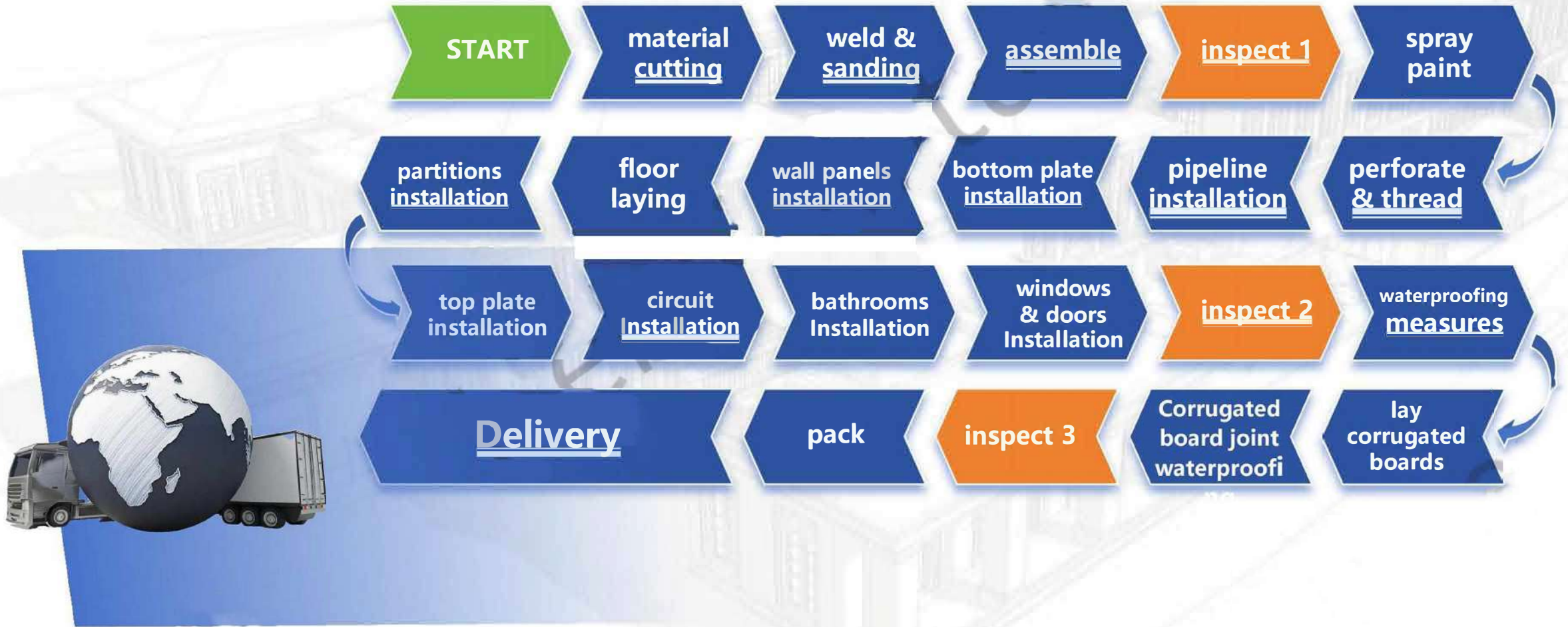


bathroom

PART ③ *Expansion Steps*



PART ④ Produce Process



PART ⑤ Customised Items

We all have different homes, from room layouts to shower head styles.

For us, we provide the basic structure of the home and the customer can choose their favorite style for each section.

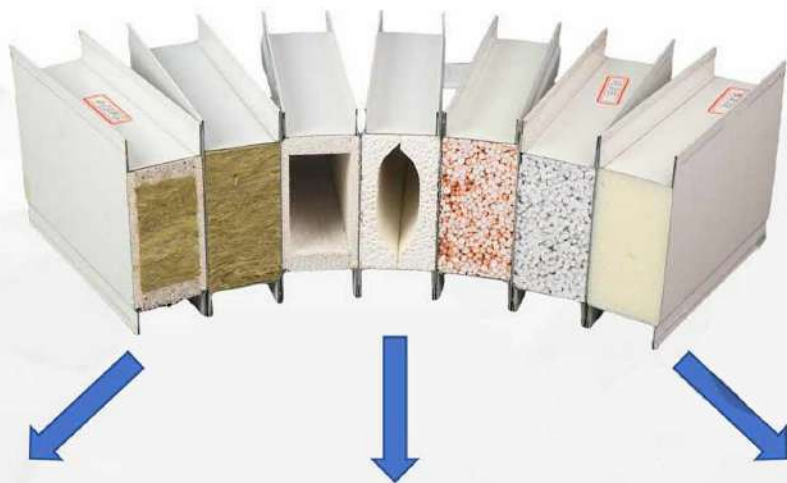
Commonly available options are shown on the back

- › door & window
- › wall
- › floor



Steel sandwich panel

Application position: wall panels, roof panels



Board thickness

normally
50-100mm
selectable

Internal material

eps foam
rock wool
polyurethane foam
Graphene eps foam

Surface colour

normally
white
grey
black
woodgrain
camouflage

In addition there is the option of internal integrated **bamboo fibre wall panel** to give your internal walls a more pleasing appearance



You can also choose to cover the exterior with a layer of **carved metal panel** to make your exterior walls more beautiful and better insulated.



bamboo
fibre wall
panel



carved
metal
panel

Door & window



KFC double doors

Broken bridge
aluminum double
doors A

Broken bridge
aluminum double
doors B



Broken bridge
aluminum external

Broken bridge
aluminum sliding
window

Plastic steel
window



Smart
password
lock door

Steel single
door

Steel double door

Aluminum
wooden
door



Aluminium windows



Broken bridge
aluminum
floor-to-ceiling
windows

Floor



Material

normally
PVC
Stone Plastic
Wood

Colour

normally
stone pattern
coloured
woodgrain

In the bathroom, you also have the option of tile floors



In the shower, you can also choose stone floors



PVC floor leather



Stone Plastic Floor



Stone Plastic Floor