



SUYUAN HOME

上海溯元房实业有限公司

PREFAB MODULAR HOMES



Concrete Construction
Lightweight Steel Construction
Wood Construction

SHANGHAI SUYUAN HOME CO.,LTD



ABOUT US



**SUYUAN HOMES
FULL ASSEMBLY
TECHNOLOGY SYSTEM**



**WATERPROOFING, FIRE
RESISTANCE AND
INSULATION PERFORMANCE**



PROJECT

OUR COMPANY PROFILE

SUYUAN Home Industrial Co.,Ltd.is a leader in the pre-fabricated building industry,pioneering modern building industrialization in China.

Leading the Prefabricated Building Industry

1. Experience: Constructed over 12 million square meters of prefabricated buildings
2. Production Capacity: 32 production bases
3. Factory: 70,000 square meters, producing 80,000 cubic meters of precast concrete components and 100,000 square meters of lightweight partition panels annually
4. Technology: Full application of BIM technology to optimize production, improve design quality, reduce costs, and enhance efficiency
5. Sustainability: Committed to resource conservation low carbon emissions,and sustainable development through industrialized building methods



OUR FACTORY



NON STANDARD BUILDING PRODUCTS

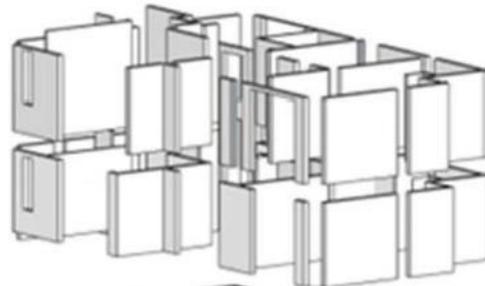
Roof



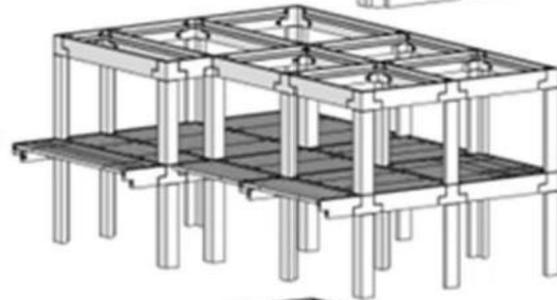
Doors, Windows and Decoration



Wall



Framework



Base

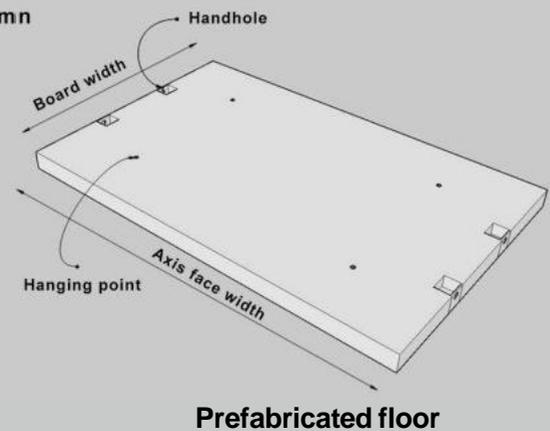
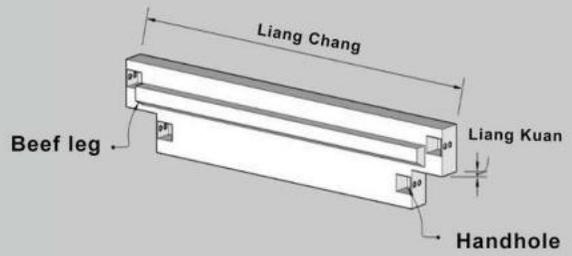
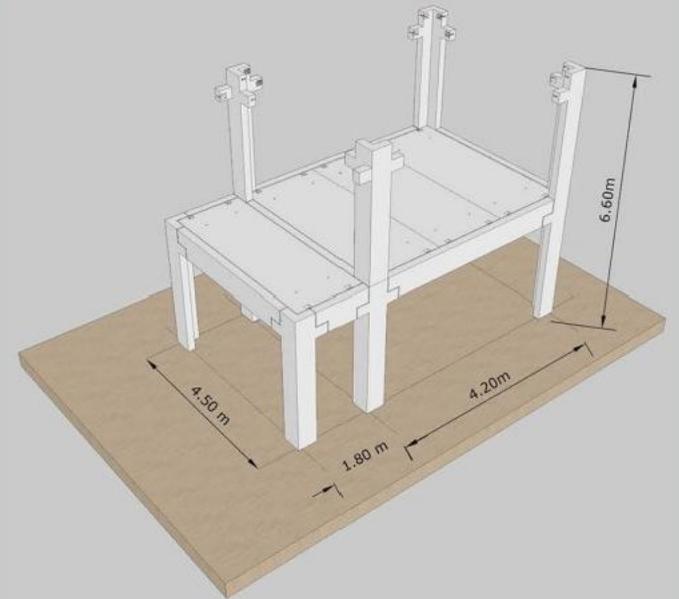
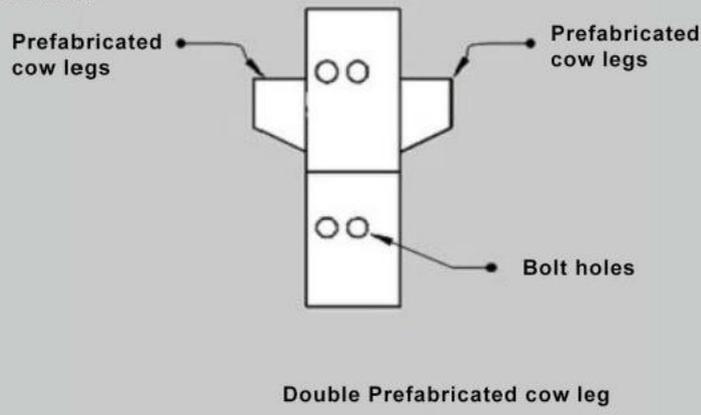
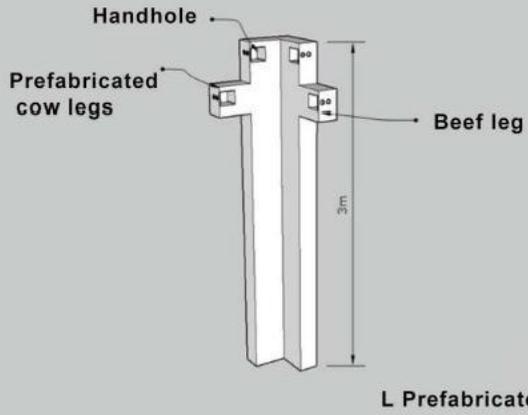
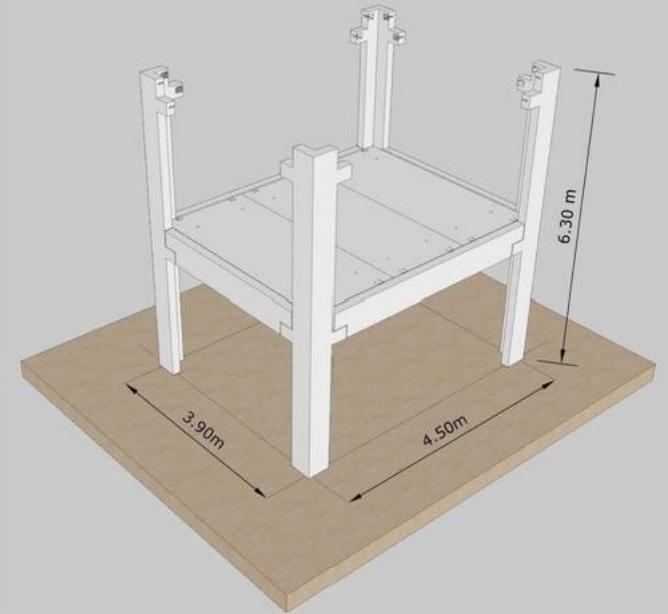
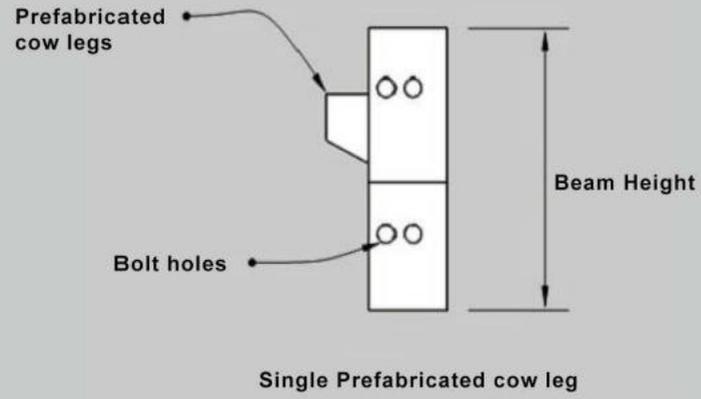
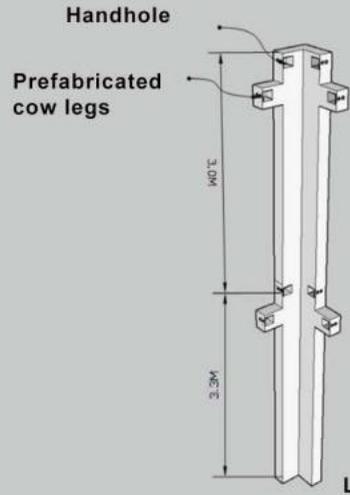


Dry jointed fully assembled multi-storey concrete structures is a new type of prefabricated building structure.

Composed of fully prefabricated single or multi limb thin limb reinforced concrete columns, fully prefabricated thin web reinforced concrete beams, and fully prefabricated floor slabs, prefabricated components are connected through

our patented dry method connectors (dry method connectors), grouting sleeves, and other methods.

Prefabricated Beams, Slabs, and Columns



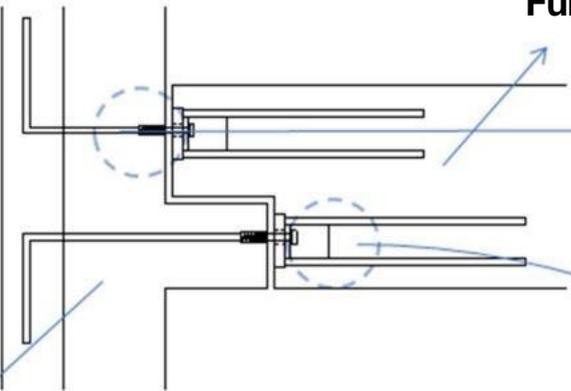
Prefabricated Beams, Slabs, and Columns

Joint between beam, and column node

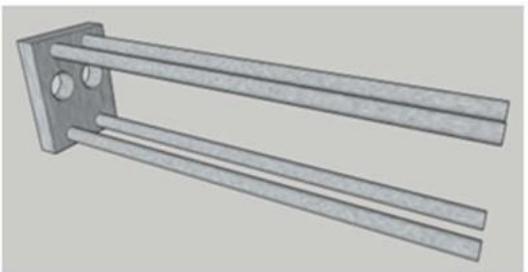
Fully prefabricated beams



Embedded sleeve



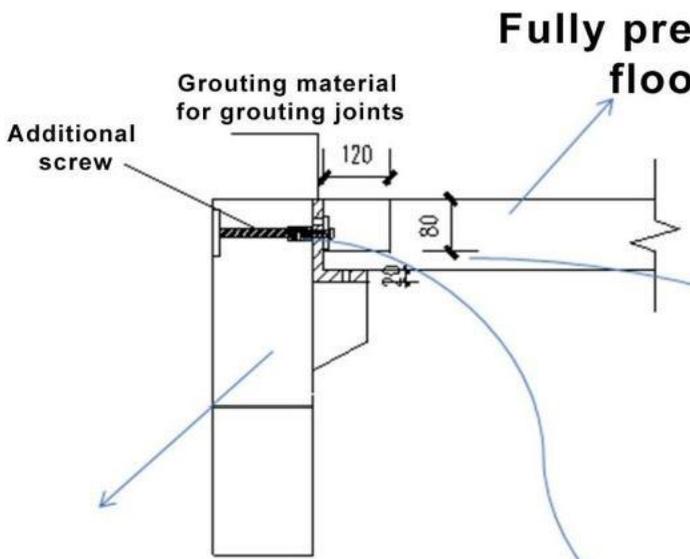
Fully prefabricated columns



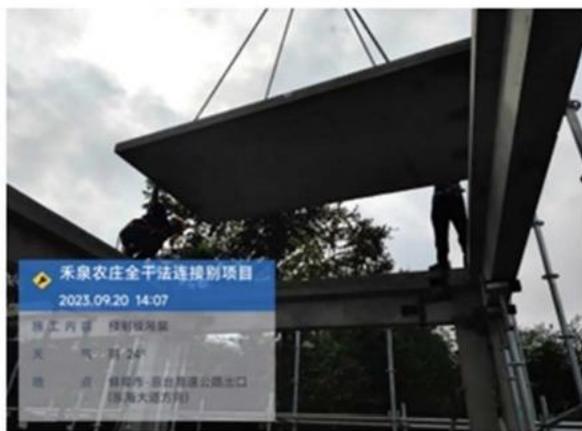
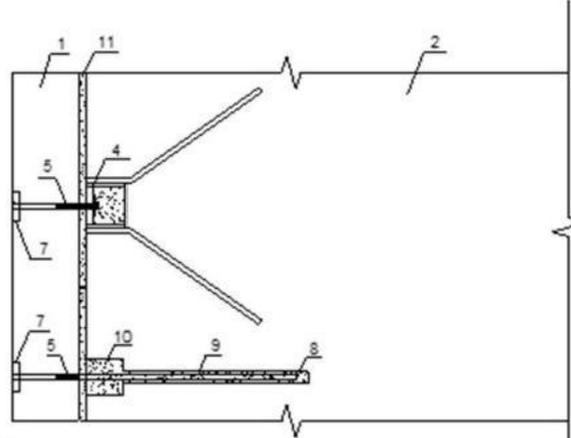
Fully prefabricated dry method connectors

Prefabricated Beams, Slabs, and Columns

Joint between beam, and column node



Fully prefabricated floor slab

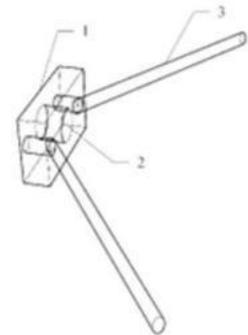


Fully prefabricated floor slabs install

Fully prefabricated beams

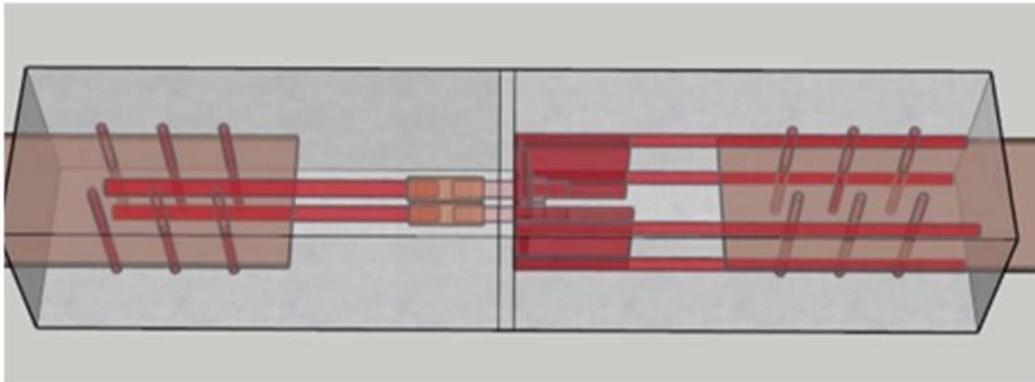


Embedded sleeve



Fully prefabricated dry method connectors

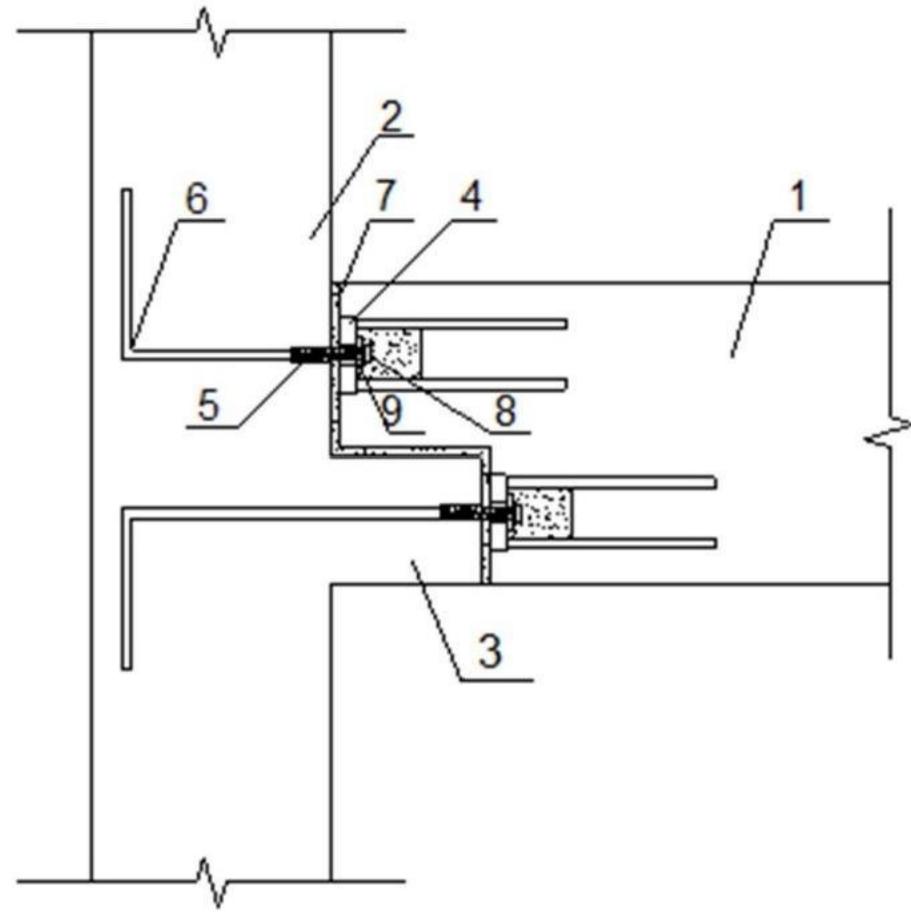
Connection design of connectors (nodes)



Connection of beam column nodes

Paired dry method connectors can be used for the construction of fully prefabricated columns and fully prefabricated beams with pre embedded dry method connectors, as well as for the construction of pre embedded steel sleeves in fully prefabricated columns and one side of pre embedded dry method connectors in fully prefabricated beams; Dry method connectors and steel reinforcement sleeves should be reliably anchored within prefabricated components. When the cross-sectional size of the fully prefabricated column cannot meet the anchoring requirements of dry method connectors, embedded sleeves should be used instead; For embedded sleeves, edge nodes can be bent and anchored inside the column or mechanically anchored, or anchor plates can be set outside the column. The connecting steel bars at the middle node can penetrate the entire prefabricated column

SuYuan Homes Full Assembly Technology System



- 1-Fully prefabricated beams
- 2-Fully prefabricated columns
- 3-Prefabricated cow legs
- 4-Dry method connectors
- 5-Reinforcement sleeve
- 6-Connecting steel bars
- 7-Joint between beam and column nodes
- 8-High strength bolts
- 9-Backing plate



Use grade 10.9 high-strength bolts to connect the patented connector to the sleeve at the other end. The tensile strength of grade 10.9 high-strength bolts can reach 1000MPa

SuYuan Homes Full Assembly Technology System



Our company's structural system products can achieve lifting of one layer in 2 days



Waterproofing, Fire Resistance and Insulation Performance

Integrated design of buildings structures, equipment pipelines and interior systems



Integrated design of structures, insulation and interior systems



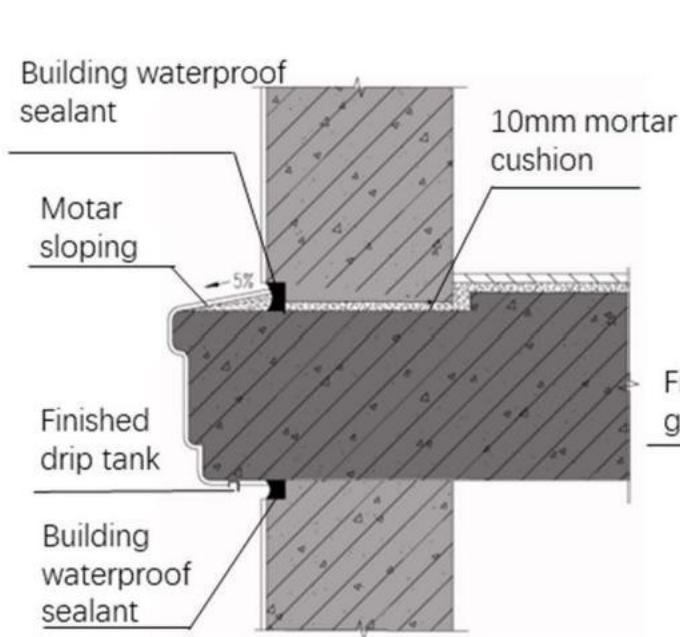
Integrated design of buildings, equipment and pipelines



Integrated design of building and interior systems

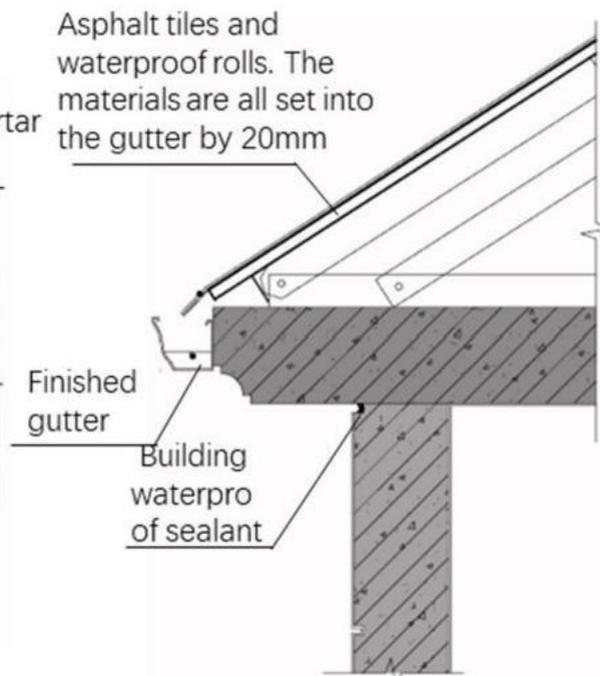
Waterproofing, Fire Resistance and Insulation Performance

Constructural waterproofing

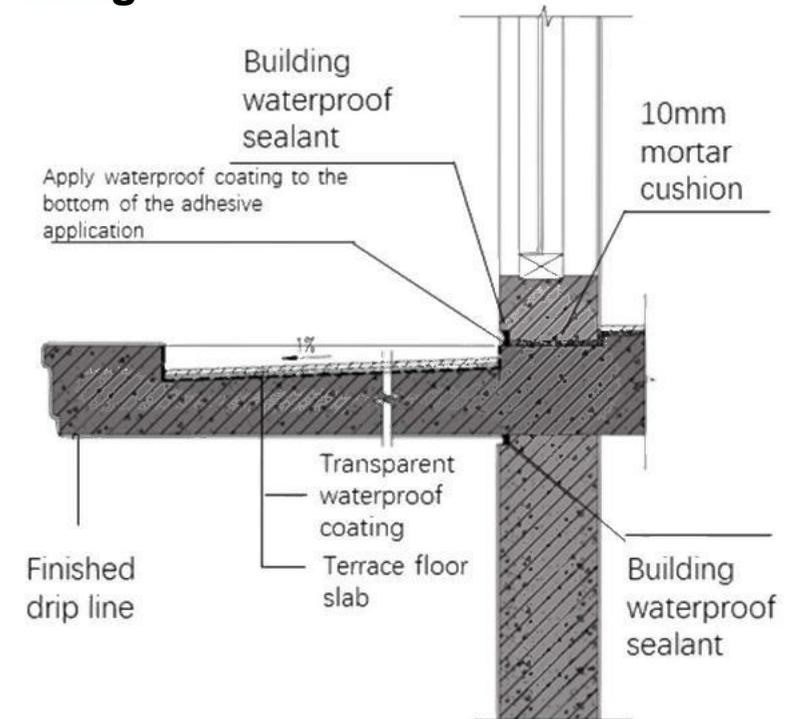


Detailed drawing of the splicing of floor slabs and exterior wall panels

Combining structural waterproofing with material waterproofing



Detailed drawing of the roof panel and eaves



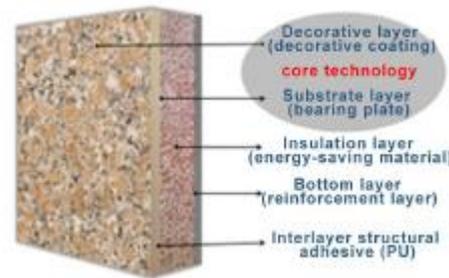
Detailed drawing of the terrace profile

Waterproofing, Fire Resistance and Insulation Performance

Integrated architectural decoration and insulation system



Product structure and form



Insulation decorative board
(composite board, integrated board)

Adopting integrated insulation and decoration materials, dry connection form, can solve the insulation and exterior decoration effects of buildings in one go. The construction is convenient and fast, the material insulation effect is good, and the fire resistance performance is good.

External wall decoration system



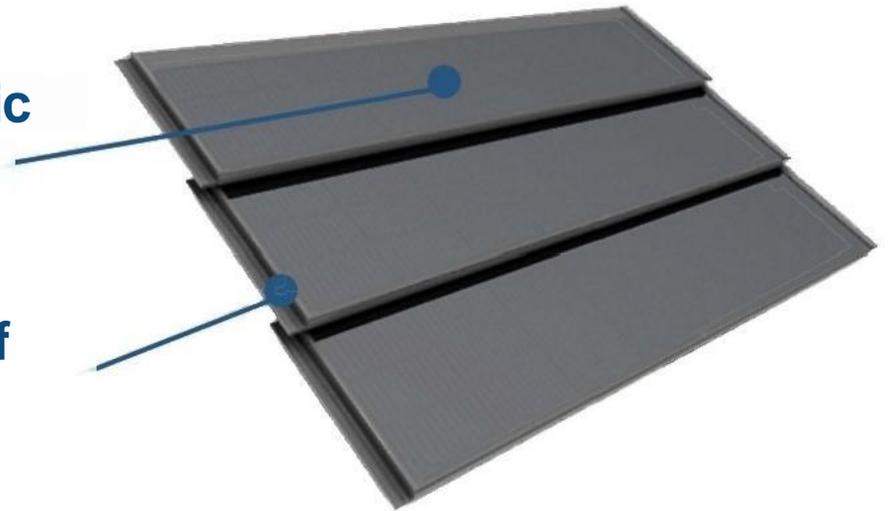
Waterproofing, fire resistance and insulation performance

Roof photovoltaic system



Photovoltaic modules

Waterproof border



Single chip power: 112 watts

Power per square meter: 177 watts

Size: 1817x420x30mm

Weight per square meter: 12.6 kilograms

Border material: Aluminum Alloy

Power generation advantages: high power generation and high returns

The same installation area has a high photovoltaic installed capacity of 177 watts per square meter, which can generate 190kWh of electricity per square meter per year

PROJECT 1

He Quan Town Homestay Project

LOW-CARBON INTELLIGENT COURTYARD



1st Floor



2nd Floor



Interior Decoration (1)



Interior Decoration (2)

Size: 263 sqm, 5 bedrooms, 5 bathrooms, 2 living rooms
price without interior decoration:

Economic: CNY482,000+

Luxury: CNY920,000+



PROJECT 2



FengYa Prefab Home Project

CHINESE RESIDENTIAL BUILDINGS



1st Floor



2nd Floor



Aero-plane view



Garden View

Size: 281 sqm , 6 bedrooms, 4 bathrooms, 3 living rooms
price without interior decoration :

Economic: CNY539,000+

Luxury: CNY983,000+

PROJECT 3

Yi Xiang Wellness Home Project

MODERN MINIMALISM



1st Floor



2nd Floor



Interior View



Outdoor view

Size: 361 sqm, 6 bedrooms, 4 living rooms, 4 bathrooms,
price without interior decoration:

Economic: CNY653,000+

Luxury: CNY1,263,000+



PROJECT 4

Mixed-use Development at BaDaJi Village

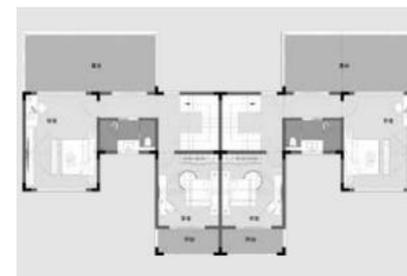
BEAUTIFUL FARMHOUSE



1st Floor



2nd Floor



3rd Floor



Outdoor View

Size: 595 sqm, 10 bedrooms, 8 living rooms, 10 bathrooms
price without interior decoration:

Economic: CNY1,090,000+

Luxury: CNY2,082,000+

CUSTOMIZABLE CONCRETE STRUCTURE



CUSTOMIZABLE LIGHT STEEL STRUCTURE



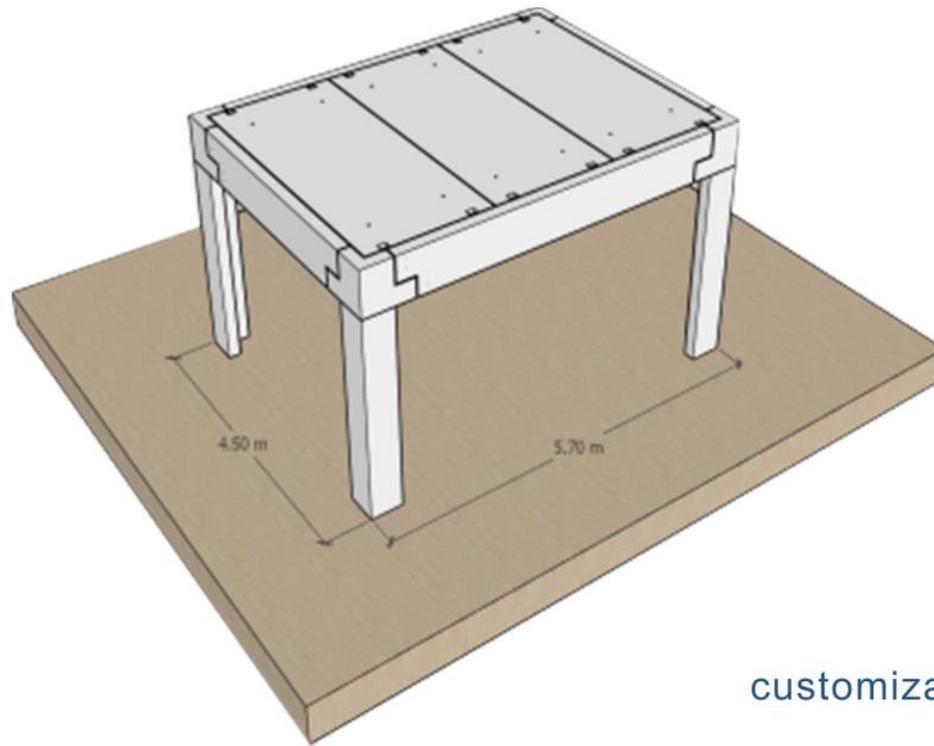
CUSTOMIZABLE WOODEN STRUCTURE



CUSTOMIZABLE DOORS AND WINDOWS



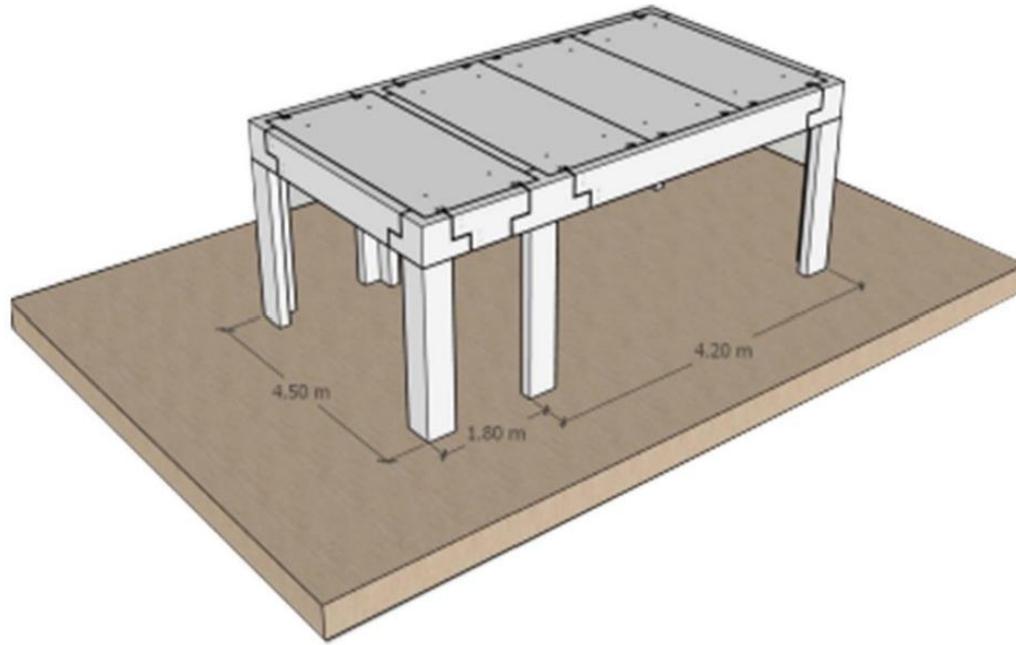
BEDROOMS



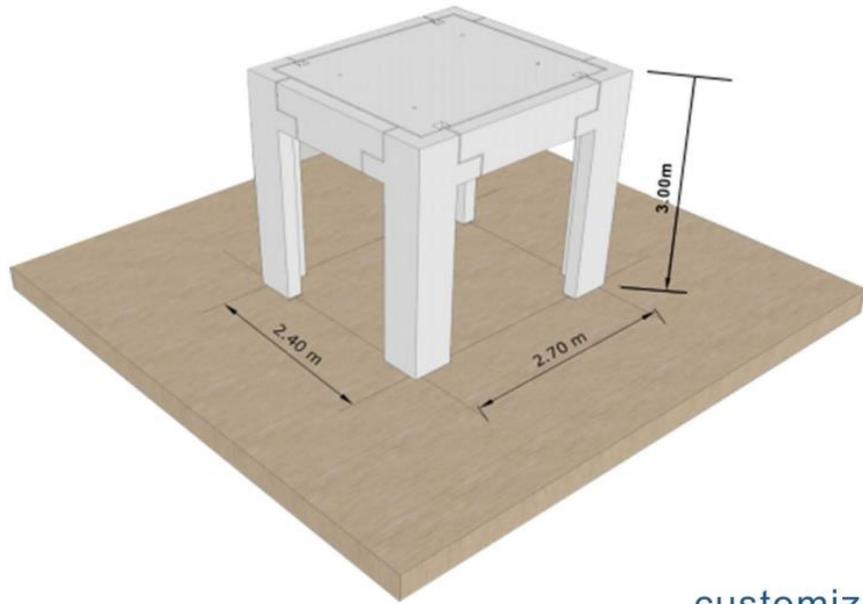
customizable



LIVING ROOM AND BALCONY



KICHTEN AND BATHROOM



customizable



MATERIALS AND ACCESSORIES



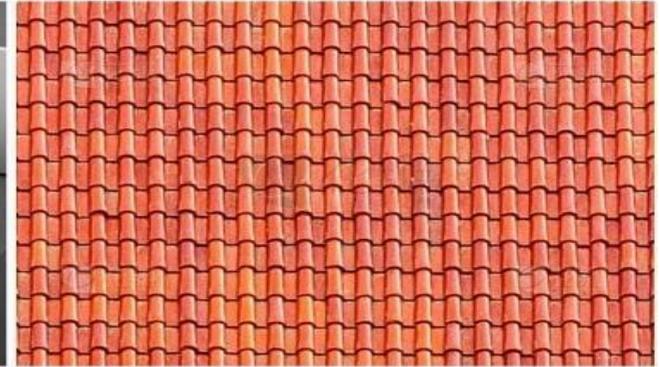
Material



wood



Metal



Tiles



Marble



wallpaper



Concrete

MATERIALS AND ACCESSORIES

Accessories



Doors



Door Handles



Cabinetry



Cabinet Handles



Sink



Kitchen Faucet



Indoor Lighting



Square Shelve



Paper Holder



Towel Rack



Ventilation Fan



Washbasin



Mirror



Shower Head Set



Tub



Toilet

APARTMENT PROJECT





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