



Focus on the integration architecture more than 20 years  
专注集成房屋制造20年

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# HOUSE TECHNOLOGY

PERMANENT CONSTRUCTION  
耀达工业4.0 模块化房屋体系  
HANDBOOK



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CASE  
耀达案例



# YAODA HOUSE TECHNOLOGY PRODUCT CERTIFICATION 国内外权威认证



联合国注册供应商  
The United Nations  
register suppliers



中国环境标志产品认证  
Chinese environment  
mark product



欧洲CE权威认证  
The European  
CE certification  
authority



国际ISO9001质量认证  
The international  
ISO9001 quality  
certification



国家燃烧等级认证  
State combustion

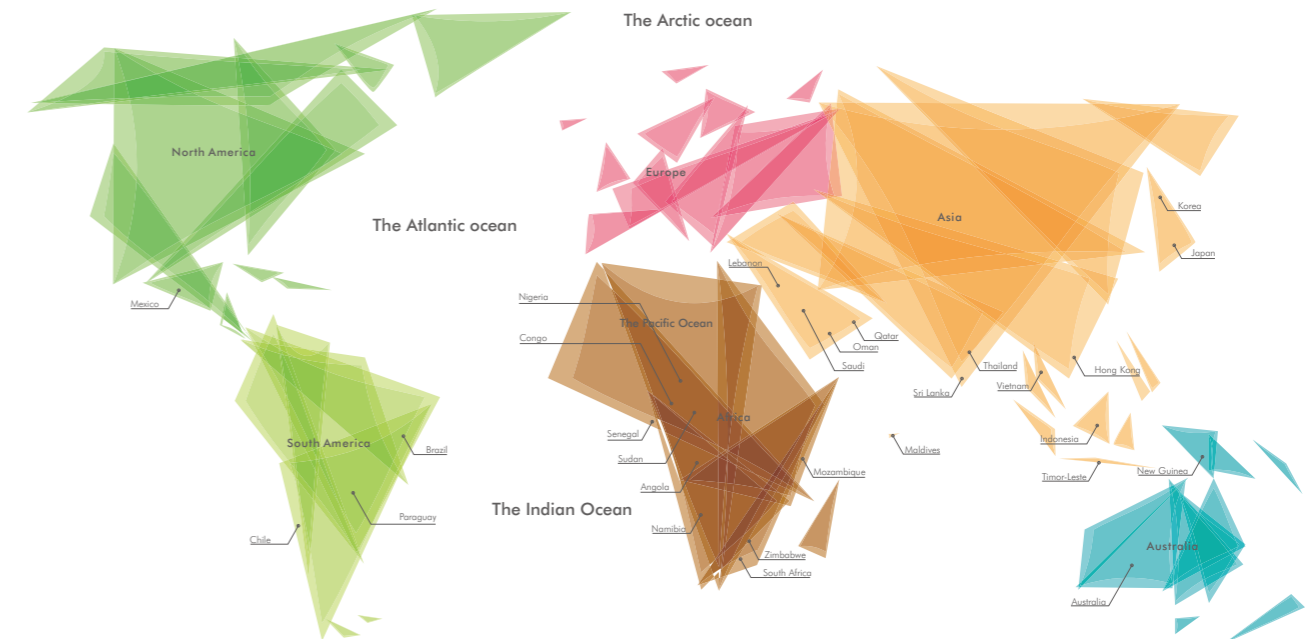


国家认证防火绿色环保建筑材料  
National certification  
of fire green  
environmental protection  
building materials

# YAODA HOUSE TECHNOLOGY COMPANY PROFILE 耀达集团介绍

耀达房屋科技集团始创于一九九五年，至2016年已有21年的辉煌历史，发展至今已成为中国轻钢集成房屋行业的领航企业和中国活动房屋行业中最具影响力的品牌。多年来开发升级及自主研发项目技术给和产品数十个，享有多个科技创新产品和国家发明专利产品。集团产品类型多样，从轻钢结构配件、建筑板材到活动房屋、箱式房屋、轻钢别墅、木屋别墅等轻钢结构的房屋产品体系一应俱全。

Yaoda Housing Technology Group was founded in 1995. Until 2016 it already has consecutive 21 glorious years, which has made itself become the leader in the professional compact light-steel houses industry and its brand is recognized as one of the most popular ones in China simultaneously. With unceasing effort in developing and upgrading dozens of product types and technologies over the years, the group has obtained lots of National Patents with respect innovation and technology. In the other words, Yaoda can provide full range of light-steel construction housing products, like light-steel fittings, building boards, mobile houses, container houses, light-steel villa and chalet houses, etc.



ENGINEERING CASES PROFILE

# OUR CERTIFICATION 权威证书



Practical patent certificate

ISO9001

CE Certificate

U.N. Supplier

Practical patent certificate

# PRODUCT SERIES

## YAODA HOUSE TECHNOLOGY

耀达房屋科技集团--集装箱产品系列分类

### DESIGN CAPABILITY

#### 设计能力

公司设立专门的设计部，为顾客提供从方案咨询到项目实施的全程服务。成熟的工程节点和系统的设计文件，可以保证工程项目的整体质量；突出个性的设计方案，更能满足顾客多样化的建筑需求。公司多年来积累了丰富的工程设计经验，培养了一批优秀的专业技术人员，完成了许多在国内具有影响力的工程项目。公司每年投入大量的人力物力，致力于新产品的研发和新技术的应用，确保技术领先优势。

We established our own professional designing department as to provide our customers with the all round service conducted from preliminary design to project implementing. For many years, we have gained rich experiences in projects. Every year, we spend a lot of money on Researching and Developing new products and new products and new technology to ensure our leading position in this field.

### PROJECT MANAGEMENT

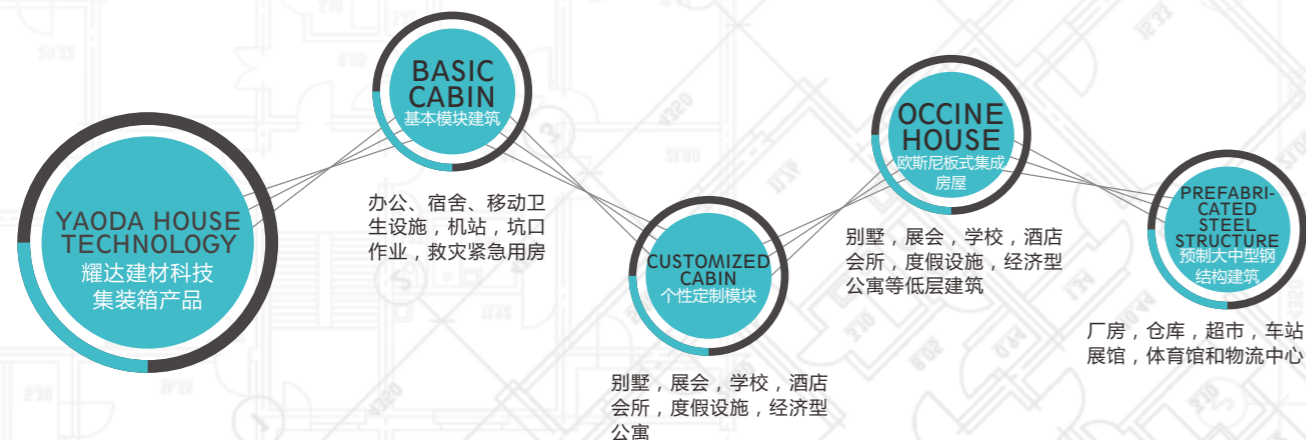
#### 项目管理能力

公司每年承接各类工程项目上百个，从设计、原材料采购、生产加工、运输到现场管理等各个环节进行监控。以业务经理、项目经理、工程技术人员组成的项目部为管理核心，带领专业的施工队伍，按层次建立严格的组织机构，对工程质量、安全、工期实施全面控制管理，同时与客户、设计院、监理、质检等各方面人员进行沟通，时刻关注客户需求。凭借出色的综合配套能力和协同能力，公司圆满地完成了每一个项目。

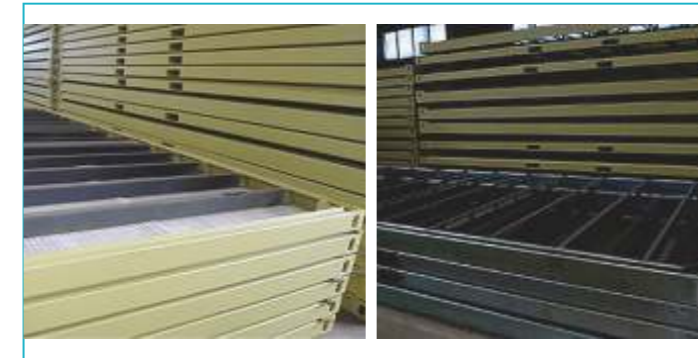
We have completed hundreds of projects all over the world in the past four years. The scope of work includes design, procurement, production, installation and project management. Our professional project management team conducts comprehensive control on overall schedule, project quality, site safety and security. At the same time, we communicate with customers, design institute, supervisors and quality controller to make sure the project

### PRODUCTS

#### 产品系列

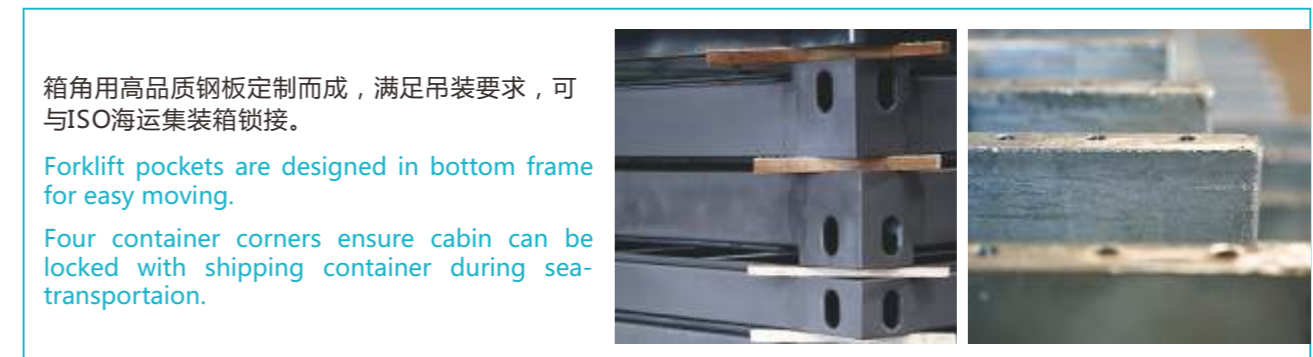


MATERIALS  
YAODA HOUSE TECHNOLOGY



主结构采用专利型材，表面镀锌处理后，喷涂船舶专用漆，可以满足海上长途运输要求，保证在潮湿环境下30年的使用寿命。

Main structure is made fro special profile. After galvanization, marine paint is coated to meet the sea transportaion requirement. That makes the lifetime up to 30 years even in humid areas.



箱角用高品质钢板定制而成，满足吊装要求，可与ISO海运集装箱锁接。

Forklift pockets are designed in bottom frame for easy moving.

Four container corners ensure cabin can be locked with shipping container during sea-transportaion.



保温采用德国巴斯夫最新专利Neopor EPS 保温材料，各项指标达到欧洲标准。

Insulation of wall, roof and floor is the Neopor EPS, which is developed by BASF Germany.

# YAODA HOUSE TECHNOLOGY INSTALLATION 组装

专利设计：90%在工厂预制完成，包括门窗预制在墙体内部，吊顶地面装饰完成，电气系统预埋等。现场工作内容少，安装一个15平米的箱体，三个工人仅需一天即可完成。

Patented design: 90% prefabricated in the factory, including prefixed windows and doors into the wall panel, ceiling and floor decoration, electrical system and so on. It only takes one day for three workers to complete one cabin (15 Sq. meters).

无限拼接：箱体完全是标准模块化设计，可以在长向和短向上连接，在室内形成大的开放空间。箱体可以叠放，并通过专业集装箱锁具连接，强度满足结构计算要求。

Joint: the standard cabin is completely modular design, can be connected in longitudinal and transverse direction for large open interior space. cabins can be stacked and connected by professional container lockset. The strength can meet the requirements of structural calculations.

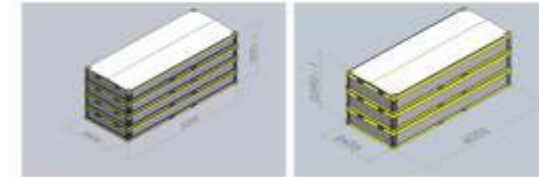


除了每个箱体的26个基本组件外，我们还衍生设计了室外平台、栏杆、楼梯等标准化组件。所有组件都可以与箱体连接，满足各种形式的组合要求。

Besides the 26 basic components for each cabin, we can also provide platform, railing and staircase, which are designed to fix on the cabin easily.

# YAODA HOUSE TECHNOLOGY INSTALLATION 组装

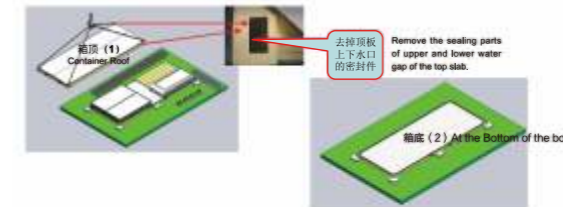
**安装步骤 1 (板式包装尺寸)**  
板式包装集装箱房屋整体尺寸  
**Installation step 01 (The integrated size of flat-pack)**  
The integrated size of flat-pack container houses.



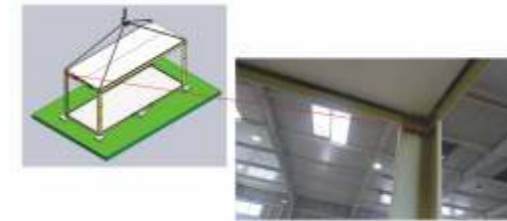
4个箱子包装成一个20尺标准货柜  
Four boxes are packed into a 20feet standard cargo cabinet

3个箱子包装成一个20尺标准货柜  
Three boxes are packed into a 20feet standard cargo cabinet

**安装步骤 3 (打开包装)**  
打开包装箱，箱顶(1)用叉车挑起或用吊车吊起。然后将箱内的配件清空备用。四周包装件拆除后，应妥善保管，以便二次包装运输时使用。  
**Installation step 03 (Open the package)**  
Open the package, lifting the container roof (1) with forklift or crane, Then clearing parts in the package for standby application, When peripheral package are removed and should be kept appropriately for later transportation and use.



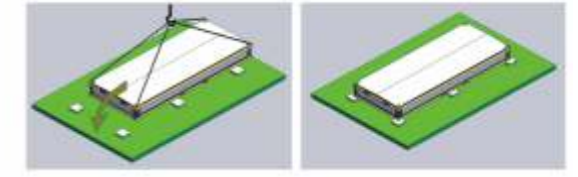
**安装步骤 5 (箱顶的安装)**  
将立柱(3)调整垂直后，用吊车将箱顶(1)吊至立柱上，并用M12螺栓(19)将立柱与箱顶(1)先预紧，预紧完成后在对角拧紧。  
**Installation step 05 (Installation of box roof)**  
After corner posts (3) are adjusted vertically, lifting the container roof (1) with a crane placing it on the container posts. Pre-tighten the corner posts and container roof (1) with M12 bolt (19), then completely tighten respectively.



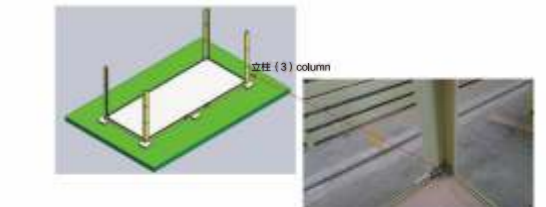
**安装步骤 7 (排水管的安装)**  
短向墙板安装完成之后安装排水管(14)，安装方法和顺序如上。  
**Installation step 07 (Installation Drainage pipe)**  
After the installation of short side wall panels, the installation of drainage pipe (14) should be started. And the installation method and sequence are shown in Fig. above.



**安装步骤 2 (放置箱底)**  
把包装箱放至一块平整的空地上面或者水泥浇筑的基础上  
**Installation step 02 (Place the bottom)**  
Place the flat-pack container house on the flat ground or the cement foundation.



**安装步骤 4 (立柱的安装)**  
四个立柱(3)依次安装在箱底(2)上，并用M12的螺栓(19)将其与箱底(2)预紧，然后用铅锤测量立柱的垂直度，并通过调整螺栓的松紧程度，达到立柱最终垂直于地面。  
**Installation step 04 (Installation of column)**  
Install four corner posts (3) at box bottom (2), and pre-tighten with M12 bolt (19), then measure the vertically of corner post with plumb. Adjust the tightness degree of bolt so that the corner post is vertical with the ground finally.



**安装步骤 6 (短向墙板的安装)**  
安装墙板时要先安装两端的短向墙板，安装方法见图中顺序1-6。安装墙板时将墙板底部插放在箱底(2)四周的排水槽内，顶部通过上端的M8螺栓和钩角(16)与箱顶(1)的内侧固定。  
**Installation step 06 (Short side wall panels)**  
During the installation of wall panels, the short side wall panels should be installed first. The installation method is shown in Pic 1-6. Insert the wall panel into the drainage groove in the periphery of the container bottom (2), and fix the top part and inside of container roof (1) with M8 bolt and hook (16).



**安装步骤 8 (长向墙板的安装)**  
安装长向墙板，安装方向参考“螺栓钢板件”的方向，与开口方向一致。在有螺栓钢板件的地方装M10螺栓(9)，下方用螺母与螺栓槽固定，上方通过螺栓固定件(15)与箱顶(1)的内侧固定。  
**Installation step 08 (Long side wall panels)**  
About the installation of long side wall panel, the installation direction depends on the place of bolt steel plate parts, and should be consistent with the open direction. Install M10 threaded rod (9) in the bolt steel plate parts. In the bottom part, fix it and groove with nut, and in the top part, fix it with inside of container roof (1) with tighten accessory (15).



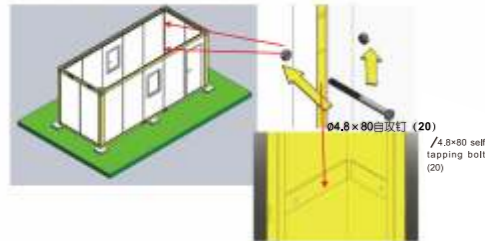
# YAODA HOUSE TECHNOLOGY INSTALLATION 组装

## 安装步骤 9 (固定墙板与立柱)

用电钻在立柱 (3) 的加强肋板上打 4.0mm 的孔, 并用 4.8 × 80 自攻钉 (20) 将墙板与立柱 (3) 固定。

### Installation step 09 (Fixed wall panels and columns)

Drill 4.0mm holes on the stiffened rib panel of corner post (3) with electronic drill, and fix the wall panel and corner post (3) with 4.8×80 self tapping bolt (20).

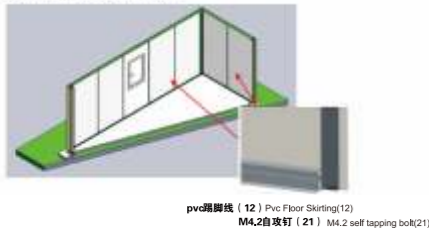


## 安装步骤 11 (安装 pvc 踢脚线)

安装 pvc 踢脚线 (12), 先用电钻在踢脚线与墙板上打一个 M4.2mm 的孔, 再用 M4.2 自攻钉 (21) 将踢脚线与墙板固定。间隔约 300mm 固定一个。

### Installation step 11 (Installation PVC Floor Skirting)

About the installation of PVC floor skirting (12), drill a M4.2mm hole on the floor skirting and wall panels with electric drill, then fix the floor skirting and wall panel with M4.2 self tapping bolt (21). And do this in every 300-mm interval.

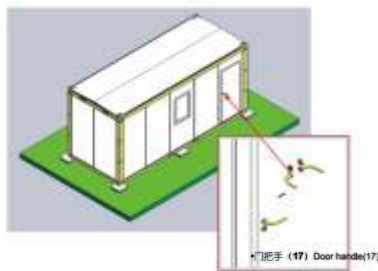


## 安装步骤 13 (门把手的安装)

安装门把手 (17)。

### Installation step 13 (Installation of door handle)

Installation of door handle(17)

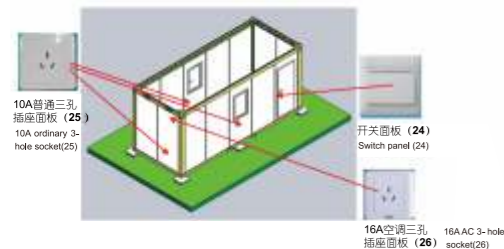


## 安装步骤 15 (插座和开关的安装)

安装开关面板 (24) 和 10A 普通三孔插座面板 (25)、16A 空调三孔插座面板 (26)。

### Installation step 15 (Installation Socket and switch)

Installation of switch(24)and 10A ordinary 3-hole socket (25), 16A AC 3-hole socket(26)

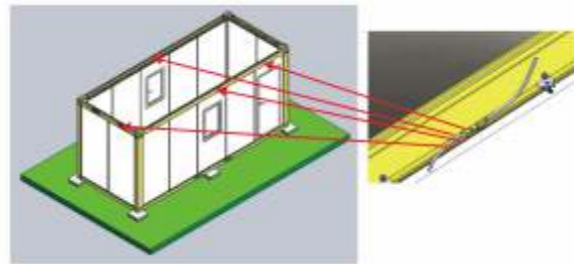


## 安装步骤 10 (连接电线)

连接墙板与箱顶 (1) 之间的电线。

### Installation step 10 (Connecting wire)

Connect the electric wire between wall panel and container roof (1).

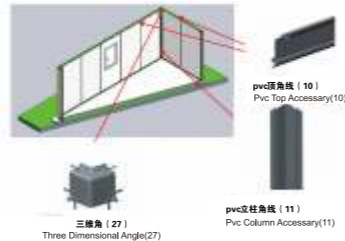


## 安装步骤 12 (安装 pvc 顶角线)

安装 pvc 顶角线 (10), 安装完成后再装 pvc 立柱角线 (11), 与 pvc 踢脚线 (12) 的安装方法相同, 三维角 (27) 卡在 pvc 立柱角线 (11) 的槽里。

### Installation step 12 (Install the PVC top accessory)

Install the PVC top accessory (10), then install the PVC column accessory (11). And the method is same with the PVC floor skirting (12). Three dimensional angle (27) should be clamped in the groove of PVC column accessory (11).

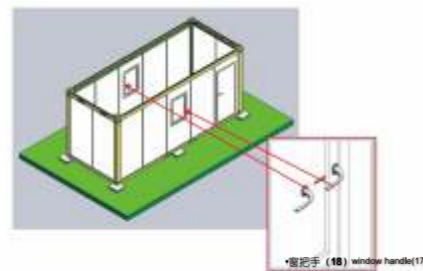


## 安装步骤 14 (窗把手的安装)

安装窗把手 (18)。

### Installation step 14 (Installation of window handle)

Installation of window handle(18).

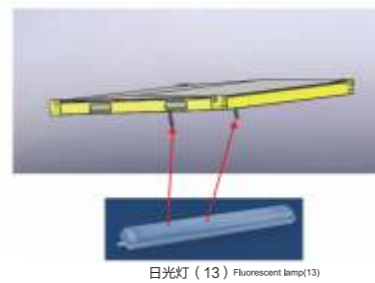


## 安装步骤 16 (日光灯的安装)

安装日光灯 (13)。

### Installation step 16 (Installation of fluorescent lamp)

Installation of fluorescent lamp(13)



# YAODA HOUSE TECHNOLOGY INSTALLATION 组装

## 安装步骤 17 (打胶)

在立柱 (3) 的四周打耐候胶, 如图中粗线部分。

### Installation step 17 (Glue)

The weather-proof glue should be applied to the periphery of vertical post (3), as shown in thick line of the Fig.

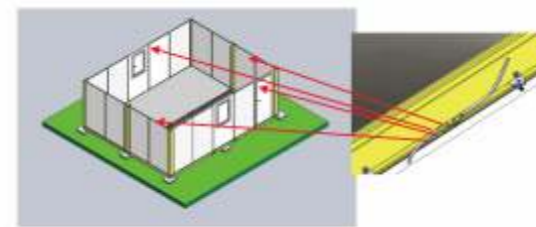


## 安装步骤 19 (拼箱步骤 2)

连接墙板与箱顶 (1) 之间的电线。

### Box splicing step 2

Connect the electric wires between wall panels and container roofs (1).



## 安装步骤 18 (拼箱步骤 1)

在完成每一个箱子的三面 (或两面) 墙壁安装之后, 将两个箱子进行拼接, 拼接时两个箱子距离 1cm, 在拼接处放入密封胶 (31), 在两个箱子的箱角处放入钢板连接件 (30-1), 通过拧紧 M20 高强螺栓 (30) 挤压橡胶密封胶 (31) 以达到防水效果。

### Container splice step 1

After the installation of three faces (or two faces) walls of each container, splicing two containers. During the splicing, the distance of two containers is 1cm. Then placing sealing strip (31) into the splicing joint, and placing the steel plate connector(30-1) at the two containers' corners. Tighten M20 high-strength bolt (30) to press the rubber seal strip (31) to reach the waterproof effect.

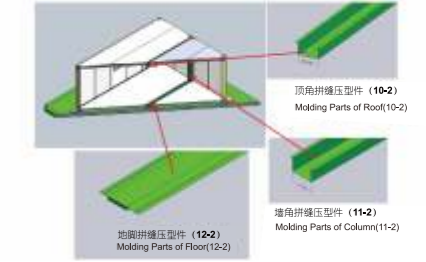


## 安装步骤 20 (拼箱步骤 3)

内部拼缝压型件安装顺序: 墙角拼缝压型件 (11-2), 顶角拼缝压型件 (10-2), 地脚拼缝压型件 (12-2)。

### Box splicing step 3

Installation sequence of internal splicing parts: Molding Parts of Column(11-2), Molding Parts of Roof(10-2), Molding Parts of Floor(12-2)



## 标准箱配件标号

标号	名称	单位	数量
1	箱顶	件	1
2	箱底	件	1
3	立柱	件	4
4	普通墙板	件	8
5	带门墙板	件	1
6	带窗墙板	件	2
7	带普通插座墙板	件	2
8	带空调插座墙板	件	1
9	M10螺杆	件	4
10	顶角压型件	件	6
11	墙角压型件	件	4
12	底角压型件	件	6
13	日光灯	件	2
14	排水管	件	4
15	螺杆紧固件	件	4
16	勾角	件	28
17	门锁	件	1
18	窗把手	件	2
19	M12内六角螺栓	件	48
20	自攻钉4.8 X 80	件	20
21	5.2mm拉柳钉	件	150
22	M10螺母加垫片	件	8
23	M8螺母加垫片	件	28
24	开关面板	件	1
25	10A普通三孔插座面板	件	3
26	16A空调三孔插座面板	件	1

# YAODA HOUSE TECHNOLOGY TRANSPORTATION 运输



箱式模块化房屋是为便于移动而设计的。

- a. 每个标准模块的尺寸为6055mm长，2435mm宽。陆运不超长超宽。
- b. 板式折叠设计，4个单体可包装成一个20尺ISO海运集装箱大小，直接作为自由箱进行海上运输。
- c. 箱角参考ISO海运集装箱箱角制作，可以作为吊点吊装。
- d. 底框内设有叉车孔，可以用叉车移动。

The module is designed for easy moving and lifting.

- a. The standard sizes: Length 6055mm, width 2435mm, easy for land transportation.
- b. Flat-packed design, 4 individual units could be packed as big as a 20' ISO shipping container which could be transported directly.
- c. The comers can work as the lifting points.
- d. There are forklift-pockets in the base frame for east moving.

# YAODA HOUSE TECHNOLOGY STANDARD CABIN HOUSE 基本模块化建筑

基本模块多用于临时或永久性办公室。

作为企业经营或者后勤运营的管理者，如果您需要在短时间内给员工提供安全舒适的办公空间，您会选择怎样的解决方案呢？

耀达房屋常年保证3000平米的现货库存（200套基本模块），加之产品工厂化程度高、安装迅捷等特性，曾在4天时间内为北京宣武医院提供300平米的办公会议空间。

新建的办公室可以根据空地形状，以15平米的模块随意组合拼接叠放，最大程度地利用空地，特别适合空间狭小、不规则的场地。

如果建筑性质为临时性建筑，新建办公室可以坐落在预制混凝土基础上，对原有地面植被毫无破坏，拆除后可以立即复原。

Basic cabin generally used for temporary or permanent office.

As a boss or facility manager, what is your solution if you need to provide a safe and comfortable office space in a short time?

Yaoda House Technology has 3,000 square meters ex-stocks (200 sets of basic cabins).

The new office can be designed based on the land shape. With the standard 15m<sup>2</sup> cabin, the combination can utilize the land furthest.

The new office can be designed based on the land shape. With the standard 15m<sup>2</sup> cabin, the combination can utilize the land furthest.

If the building is temporary, the new office could be located on the precast concrete foundation. there is no damage to the original turf, which will be easy recovered after removal.



# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-SCHOOL

基本模块化建筑 -- 阿鲁巴私立小学



**项目名称:** 阿鲁巴私立小学  
**时间:** 2015年3月  
**地点:** 阿鲁巴  
**建筑面积:** 960平方米

**Project Name:** Aruba  
**Time:** 2015.3  
**Location:** Aruba.Using  
**Floor Area:** 960 sq.m

本项目位于阿鲁巴国家，用模块化箱式房作为私立学校使用。64个二十尺标准箱拼成16间教室。阿鲁巴原是荷属殖民地，电器需符合荷兰标准。由于时间紧迫，我们在最短的时间内帮助小学生提供场地。两个星期，一座960平米的私立小学就完成了建设。

This project is located in Aruba. Using our modular house as a private school. This project was made by 64 units of 20ft flapacked container to combine, then finished 16 classrooms. Aruba was the colony of Netherlands before, so the electrical system need to meet the Netherlandish standard. We helped the students and provided the space in the very short time. Just two weeks, a 960 sqm private school was finished installation.

# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-SCHOOL

学校 -- 廊坊小学



**项目名称:** 廊坊小学  
**时间:** 2015年2月  
**地点:** 中国，河北，廊坊  
**建筑面积:** 1800平方米

**Project Name:** Langfang School  
**Time:** 2015. 2  
**Location:** Langfang, Hebei, China  
**Floor Area:** 1800 sq.m

凭借模块化箱式房工厂预制化程度高、现场安装快捷等优势，我们仅仅用了20余天时间，就完成了120套模块化教室的生产、安装和验收，确保了孩子们开学投入使用的时间。

Depending on the advantages as high workshop prefaabrication extent of modularized box type housing and quick installation at site, etc, The manufacturing installation and acceptance of 120 sets of modularized teaching rooms were completed by only 20s days, so that they can be timely put into use for children in case of school open.





# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-HOSPITAL

医院 -- 北京儿童医院神康中心



**项目名称:** 北京儿童医院神康中心  
**时间:** 2014年3月  
**地点:** 中国, 北京  
**建筑面积:** 933平方米

**Project Name:** Children Rehabilitation Center  
**Time:** 2014. 3  
**Location:** Beijing Children Hospital  
**Floor Area:** 933 sq.m



坐落在古树环绕空间的3层楼是由63个预制模块组成的，拥有宽敞的楼道，明亮的办公室、会议室和干净的卫生间。现场施工仅用15天，最大限度地利用了空间，并把对医院的日常工作的影响降低到最小。

It is only takes 15 days to erect this 3-storey, 1000m<sup>2</sup> building. In an operating hospital, modular building concept minimized the trouble of daily working caused by construction.



# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-SCHOOL

基本模块化建筑 -- 贵州小学



**项目名称:** 贵州小学  
**时间:** 2015年  
**地点:** 贵州黔西县  
**建筑面积:** 360平方米

**Project Name:** Guizhou Elementary School  
**Time:** 2015  
**Location:** Qianxi County, Guizhou Province  
China  
**Floor Area:** 360 sq.m

贵州黔西县沙坝小学位于海拔1000米左右的黔西县花溪乡，地处偏远，交通不便。在沙坝小学绝大多数学生都是留守儿童，翻山越岭求学也成为这些留守儿童的常态生活。孩子们每天往返于学校与家之间非常艰苦，一间舒适整洁的学生宿舍，就为孩子们解决了很大的上学问题。

Shaba Elementary School of Qianxi County, Guizhou is located in Huaxi Village of Qianxi County with sea level of nearly 1000m, it is remotely located with inconvenient traffic condition. Most students in Shaba Elementary School are leftover children, and going to school by climbing mountains and ridges has become the ordinary living of them. The travel between school and their home is an extremely hard work, thus the comfortable and tidy student dormitory shall resolve the problem.

# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-HOSPITAL

## 医院 -- 北京医院项目

**项目名称:** 北京宣武医院临时  
办公室及宿舍用房项目

**时间:** 2013

**地点:** 中国, 北京

**建筑面积:** 300+135平方米

**Project Name:** Xuanwu Hospital

**Time:** 2013

**Location:** Beijing, China

**Floor Area:** 300+135 sq.m



利用箱式房屋钢结构的稳定性, 采用标准箱叠放组合而成的一个二层楼四合院, 露台提供纳凉休闲的舒适空间。

Modular cabins are combined and stacked to a quadrangle courtyard. The roof veranda is a nice place to enjoy leisure time.

**项目名称:** 北京肿瘤医院临时用房

**时间:** 2014年6月

**地点:** 北京, 中国

**建筑面积:** 320平方米

**Project Name:** Cancer Hospital

**Time:** 2014.6

**Location:** Beijing, China

**Floor Area:** 320 sq.m



使用标准箱与非标准箱拼接组合而成, 实现了集办公、储藏、设备于一体的综合空间。

Standard and Non-standard cabins are combined to achieve a complex including office, storage and equipment room.

# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-RESIDENTIAL HOUSE

## 住宅 -- 巴布亚新几内亚



**项目名称:** 巴布亚新几内亚住宅项目

**时间:** 2013

**地点:** 巴布亚新几内亚

**Project Name:** Site Office in PNG

**Time:** 2013

**Location:** Papua New Guinea

透过整体落地窗, 居住者可以充分享受热带海岛的阳光空气。箱体与当地特产的原木楼梯和平台配合, 彰显工业与自然的完美结合。

Fresh air bright sunlight will be brought into room through french windows. Steel modular cabin matched with local wooden platform and staircase, it makes the building close to nature.



# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-OFFICE SPACE 办公室 -- 汽车部件公司临时办公项目

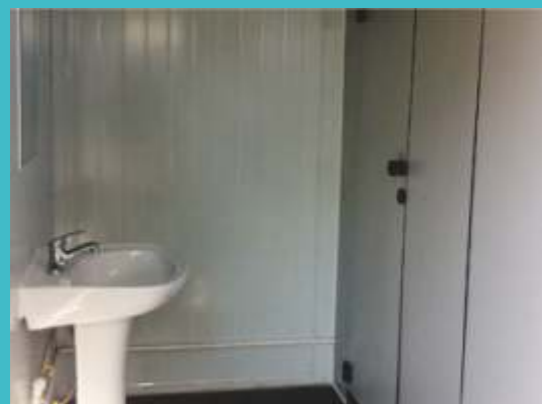
本项目用于公司的临时办公，由30个标准箱排列叠放组成，充分满足了客户对建筑搭建时间短、移动方便的需求。

Temporary office for Saeron Automotive. 30 units are combined to a double story office and big canteen.



**项目名称:** 赛龙(北京)汽车部件公司临时办公项目  
**时间:** 2013年3月  
**地点:** 中国, 北京  
**建筑面积:** 450平方米

**Project Name:** Saeron Automotive  
**Time:** 2013.3  
**Location:** Beijing China  
**Floor Area:** 450 sq.m



# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-EXHIBITION 基本模块化建筑 -- 宣传展示



**项目名称:** 北京林业协会森林大篷车科普小屋  
**时间:** 2015年  
**地点:** 贵州黔西县

**Project Name:** Forestry Association caravan forest popular science hut  
**Time:** 2015  
**Location:** Beijing, China

基本模块可以用于短期宣传展示  
一个酷酷的箱式小屋，以四面墙为展示板，可展示45平米的广告内容；运输不超高不超宽，用吊车或叉车皆可快速落地，非常适合短期的移动宣传展示。

One basic cabin wall can provide 45m<sup>2</sup> as advertisement area. Not exceed transport limitation in height and width, our cabin is suitable for shortterm advertisement. The catalogues and fumiture can be store in the cabin during nighttime.

# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-OFFICE

## 办公室 -- 总部外贸办公室

外贸办公室是模块化箱式房应用于办公领域的典型案例，由英国设计师Michael设计并指导安装。设计者在箱体正面使用了玻璃幕墙，充分的将建筑美学，建筑功能、建筑节能和建筑结构等因素有机的结合起来。

五个2.4m X 6m的箱体，拼接成二层楼体，占地面积50平方米，仅用了15天的时间就搭建完成。

室内设计充分的展现了简约主义，白色的办公桌、座椅，黑色的壁式方格书柜，常见的浅色木地板和浅色吊顶，毫无杂乱之感。

The foreign trade office is a typical case of application of modularized box type housing in the office field. The UK designer Michael designed it and directed the installation.

The designer adopted glass curtain wall at the front wall, and organically combined the factors of architectural, building function, building energy conservation and building structure together.

Five 2.4m X 6m box houses are spliced into two-story building. The floor area is 50m<sup>2</sup>, and the erection is completed within 15 days. Interior design comprehensively presents the simplism, including white office desk, chair, black square bookcase, ordinary light color timber floor without disorder feeling.



# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-COTTAGE

## 住宅 -- 度假屋



本度假村项目位于新加坡本岛56公里外的一个叫做乌敏的小岛上。如果采用传统建筑方式，就需要大规模地运输建筑设备以及材料，建设时间和人工成本都将大大增加。

This resort project is located in an island named Ubin, at a distance of 56 kilometers from Singapore. If in traditional construction methods, it is necessary to large-scale transportation construction equipment and materials on the island, construction time and labor costs will be greatly increased.

项目最终采用了模块化箱式房屋的概念，在国内定制板式折叠箱式房，在新加坡本岛车间完成拼装，船运到岛，叠放后，增加坡屋面和外墙饰面，短短3个月内，45栋两层度假屋别墅完成建设。

The project finally adopted the concept of modular housing, in domestic custom folding box type housings, in Singapore, the island workshop to complete the assembly, shipping to the island, after stacking, adding slop roof and exterior wall finishes. In a short span of 3 months, two 45 storey villa completed the construction.



本项目位于马来西亚沙巴的一个海岛度假屋，所有零部件在国内工厂全部预制完成，用船运到岛后，工人可以快速安装完成，十分的方便快捷。

整个建筑小桥活泼，内设卧室和卫生间，适用于两人至四人度假。

The project is located in a sea island named Sabah, Malaysia. All parts are manufactured in domestic workshop, after shipped to this island, they finished the installation fast, It is very convenient and quick.

The whole construction is cozy and lively. Inside set bedroom and bathroom, it is appropriate for 2-4 persons for vacation.

# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-HOSPITAL

基本模块化建筑 -- 宣武医院临时办公室



项目名称: 宣武医院临时办公室  
时间: 2013  
地点: 中国, 北京  
建筑面积: 300平方米

Project Name: Xuanwu Hospital Temporary Office  
Time: 2013  
Location: Beijing, China  
Floor Area: 300 sq.m

# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-HILLTOP VILLAGE

基本模块化建筑 -- 巴布亚新几内亚别墅



我们可以根据当地人的居住习惯和居住环境, 进行专业的定制设计, 让建筑融入到当地的人文环境当中。

According to residential habit and residential environment of local people, we can conduct professional customization design, to fuse the building into local cultural environment.

项目名称: 巴布亚新几内亚别墅  
时间: 2013年  
地点: 巴布亚新几内亚

Project Name: Villa of Papua New Guinea  
Time: 2013  
Location: Papua New Guinea



项目名称: 迪拜海边餐厅  
时间: 2015年  
地点: 迪拜  
建筑面积: 330平方米

Project Name: Dubai seaside restaurant  
Time: 2015  
Location: Dubai  
Floor Area: 330 sq.m



# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-SAMPLE HOUSE 样板间



- ① 搭建第一天 installation work day one
- ② 搭建第二天 installation work day two
- ③ 搭建第三天 installation work day three
- ④ 搭建第四天 installation work day four
- ⑤ 搭建第五天 installation work day five



欧斯尼墙板  
OCCINE Panel

欧斯尼墙板为专利研发的复合墙体材料，板体以达到国家标准的高密度 Neopor® EPS 为保温材料，两边复合以彩色钢板，板材外表面在工厂预装仿石材涂层，内表面预涂室内水性环保涂料。板材硬度大，重量轻，适合作为钢结构，薄板钢骨结构的外墙墙体。

OCCINE panel is a kind of wall panel developed by YAODA. The outer surface is colored steel plate coated by stone like plastering that pre-applied in our factory. Inner surface are pre-painted with interior emulsion paint.

# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-SAMPLE HOUSE 样板间



室内装饰 7 天时间完成。客厅墙面采用室内涂料，卧室墙面采用壁纸，卫生间墙地面局部铺贴瓷砖，客厅吊顶采用柚木细条纹吊顶，整个室内舒适温馨。

Interior decoration work was completed in 7 days. Emulsion painting is used for living area. Wallpaper is used for bedroom. And ceramic tiles are used for bathroom partially. The living room ceiling is decorated with teakwood.



## Residential House 住宅

# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-SHOP

## 商铺 -- 燕莎集酷

燕莎集酷项目是由24套箱式房屋拼接而成，屋顶填充玻璃丝棉防火材料，墙体采用钢化玻璃，即使是在寒冷的冬日，也不会让人们感到寒冷。

在国内有越来越多的人开始采用箱式房作为商铺用房，随意一块平地，它就可以拼接出多种造型。同时它以安装方便快捷，施工周期短，随时移动，可多次拆装，绿色环保等优点，被人们广泛应用于医疗、办公、住宿等各大领域。

Yansha Jiku project was made by 24 units of our modular container houses. The roof is filled with glass fiber cotton, a kind of waterproof material. The wall was made by tempered glass so that the people will not feel cold even in cold winter.

In domestic market, more and more people start to use box type housing as commercial store. Multiple shapes can be spliced at any smooth ground. Furthermore it has the advantages as quick and convenient installation, short construction time, removal at any moment, repeated dismantling

**项目名称:** 燕莎集酷 北京燕莎友谊商店

**时间:** 2014年

**地点:** 中国，北京

**Project Name:** Yansha Jiku

**Time:** 2014

**Location:** Beijing China



# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-COFFEE SHOP

## 基本模块化建筑 -- 咖啡馆



这个位于北京的咖啡屋，建筑面积 200 平米，由 8 个模块化箱式房组成，仅仅用了 18 天就完成了全部安装和内外装饰，两侧墙体采用外挂板，时尚简约，正面采用中空玻璃，能够让阳光充分的照耀到房间内的每一个角落，整个建筑物静静地融入在大自然当中。

The coffee housing is located in Beijing with 200m2 building area, it is composed of 8 modula box type housing. All installation including interior and exterior decoration are completed within 18 days, two sides wall bodies adopt external hanging panel and it is fashionable and simple, the front wall decorated with hollow glass so that the sunshine can comprehensively fall into every corner in the house, and the whole building is softly fused with the nature.

**项目名称:** 咖啡屋

**时间:** 2015年

**地点:** 北京

**Project Name:** Coffee shop

**Time:** 2015

**Location:** Beijing, China



# YAODA HOUSE TECHNOLOGY ENGINEERING CASE BASIC CABIN-SHOP 住宅--集成房屋

根据客户要求设计生产的房车小屋，设置在挪威海边。小屋前面为大型落地玻璃窗通往室外平台，后面按房车尺寸开洞，可以与房车直接连通，作为房车的延伸部分，用作起居休息的空间。

Customer-designed caravan hut is made for Norway client. The front wall of hut is made from full-high glass leading to the outdoor platform. The back wall opened to caravan. The hut is directly connected with the caravan and worked as living room.

项目名称: 海边房车小屋  
时间: 2012年~现在  
地点: 挪威

Project Name: Seaside Caravan Hut  
Time: 2012 till now  
Location: Norway



# YAODA HOUSE TECHNOLOGY ENGINEERING CASE 住宅--六个集装箱打造的桃花源



# ENGINEERING CASE 旅游--集装箱宾馆





# YAODA HOUSE TECHNOLOGY ENGINEERING CASE

住宅--创意住宅组合设计



# ENGINEERING CASE

旅游--旅游区或景点商铺



# YAODA HOUSE TECHNOLOGY ENGINEERING CASE

住宅--旅游住宅公寓



# ENGINEERING CASE

商业--集装箱餐厅



# YAODA HOUSE TECHNOLOGY ENGINEERING CASE

住宅--创意住宅组合设计



# ENGINEERING CASE

住宅--集装箱组合别墅



# YAODA HOUSE TECHNOLOGY ENGINEERING CASE

商业--展览馆



# ENGINEERING CASE

住宅--集装箱小房



# YAODA HOUSE TECHNOLOGY ENGINEERING CASE

学校--学校教室



# ENGINEERING CASE

商业--咖啡店



# YAODA HOUSE TECHNOLOGY ENGINEERING CASE

住宅--旅游住宅公寓



# ENGINEERING CASE

商业--集装箱餐厅



# YAODA HOUSE TECHNOLOGY ENGINEERING CASE 集装箱式房车案例



# YAODA HOUSE TECHNOLOGY ENGINEERING CASE 国外集装箱建筑群

