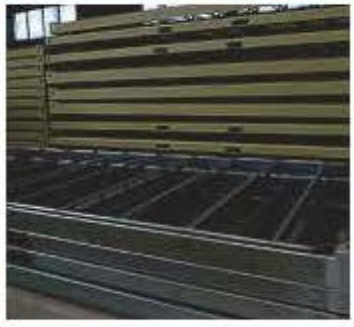
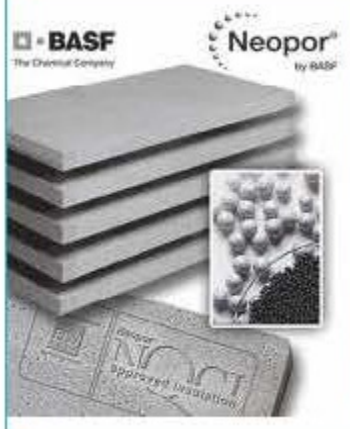
MATERIALS
HOUSE TECHNOLOGY



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.

Forklift pockets are designed in bottom frame for easy moving.

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



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

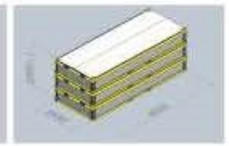
INSTALLATION

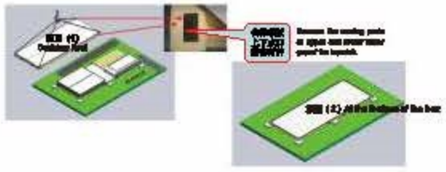
Patented design: 90% prefabricated in the factory, including prefixed windows and doors into the wall panel,celling and floor decoration, electrical system and so on.It only takes one day for three workers to complete one cabin (15 Sq. meters).

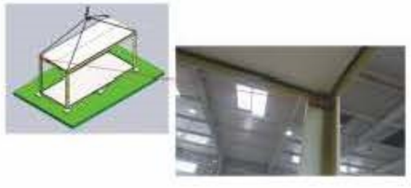
Joint: the standard cabin is completely modular design, can be connected in longitudinal and transverse direction for large open interior space. cabins can be stacked and connected by professional container lockset. The strength can meet the requirements of structural calculations.

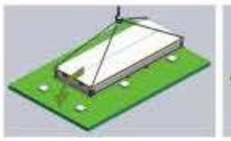
Besides the 26 basic components for each cabin, we can also provide platform, railing and staircase, which are designed to fix on the cabin easily.

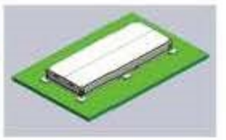
INSTALLATION

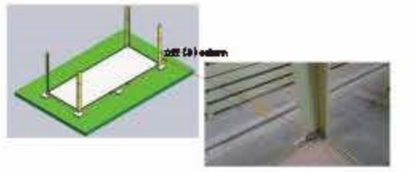


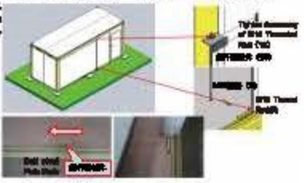












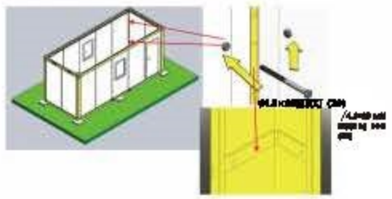
INSTALLATION

安装步骤 9（固定墙板与立柱）

用电钻在立柱边（3）的凹槽面上打7/4.0mm 的孔，共用7/4.8×60 自攻钉（20）将墙板固定在（3）面板。

Installation step 9 (Fixed wall panels and coil,mm)

Drill 7/4.0mm holes on the offset rib panel of corner post (3) with electric drill, nail in the wall panel and corner post (3) with 7/4.8×60 self tapping bolt (20).

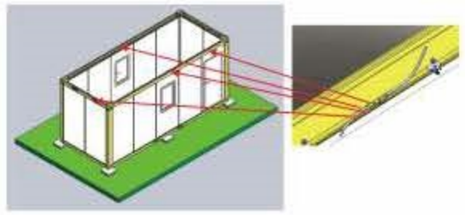


安装步骤 10 | 连接电缆 |

连接顶板与墙面板（1）之间的电线。

Installation step 10 (Connecting wire)

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

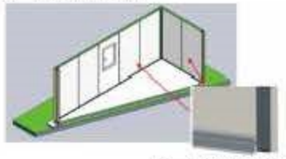


安装步骤 11（安装 pvc 滑动门）

安装 pvc 滑动门（12），先用电钻在滑动门和墙板上打一个 Φ4.2mm 的孔，用 M4.2 自攻钉（21）将滑动门和墙板固定。间距约 800mm 安装一个。

Installation step 11(Installation Pvc Door sliding)

About the installation of PVC door sliding (12), drill a Φ4.2mm hole on the door sliding and wall panels with electric drill, then fix the door sliding and wall panel with M4.2 self tapping bolt (21). And do this in every 800-mm interval.

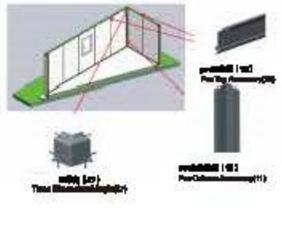


安装步骤 12（安装 pvc 直角条）

安装 pvc 直角条（10），先将角连接件和 pvc 立柱连接（11），与 pvc 顶角条（12）的安装孔对齐，三角铁（27）将 pvc 立柱连接（11）的卡紧。

Installation step 12 (Install the PVC leg accessory)

Install the PVC leg accessory (10), Pass Install the PVC column accessory (11). And the vertical is cover with the PVC floor sliding (12). Three structural angle (27) should be clamped in the groove of PVC column accessory (11).

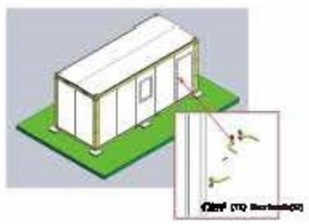


安装步骤 13（门框安装）

安装门框架（17）。

Installation step 13 (Installation of door boards)

Installation of door boards(17)

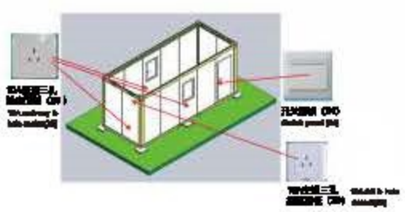


安装步骤 14（安装开关插座）

安装开关插座（24）和 10A 带接地三孔插座插座（25），16A 空调三孔插座插座（26）。

Installation step 14 (Installation Socket and outlet)

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

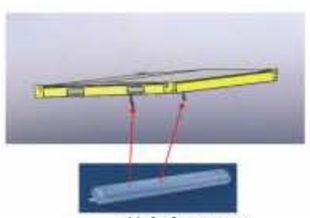


安装步骤 15（安装日光灯）

安装日光灯（13）。

Installation step 15 (Installation of fluorescent lamp)

Installation of fluorescent lamp(13)



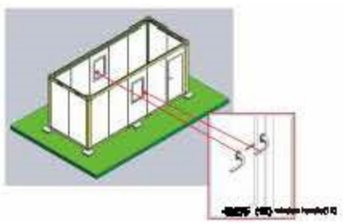
日光灯（13）

安装步骤 16（窗户安装）

安装窗户（18）。

Installation step 16 (Installation of window handle)

Installation of window handle(18)



INSTALLATION

安装步骤 17（打胶）

在立柱（3）的四周均匀打胶，如图中红色部分。

Installation step 17 (Glue)

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

安装步骤 18（连接电缆）

安装完成一个箱子的三面（或两面）墙面或地板之后，将两个箱子进行拼接，拼接前两个箱子间距 1cm，在拼接缝处嵌入密封条（31），将两个箱子的角码卡进入角码连接件（30-1），紧固件 M20 高强螺栓（30）将密封条压实（31）以达到防水效果。

Container splice step 1

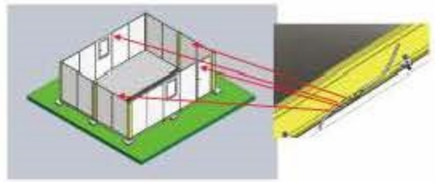
After the installation of three faces (or two faces) walls of each container, splicing two would-be. Ending the splicing, the distance of two containers is 1cm. Then pinting sealing strip (31) into the splicing joint, and pinching the steel plate connector(30-1) of the two containers' corners. Tighten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

安装步骤 19（拼接步骤 2）

连接箱体地面（1）之间的电线。

Box splicing step 2

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

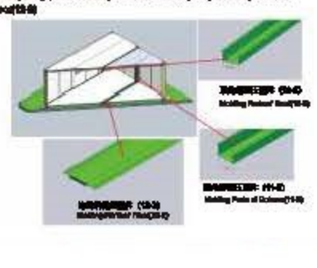


安装步骤 20（拼接步骤 3）

内部拼接连接件安装顺序为：地角拼接连接件（11-2），顶角拼接连接件（10-2），地面拼接连接件（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)



True Blue

TRANSPORTATION

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.

True Blue

STANDARD CABIN HOUSE

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?

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 15m² cabin , the combination can utilize the land furthest.

The new office can be designed based on the land shape. With the standard 15m² 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.

ENGINEERING CASE
BASIC CABIN-SCHOOL

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

This project is loacated 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.

ENGINEERING CASE
BASIC CABIN-SCHOOL

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

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.

ENGINEERING CASE
BASIC CABIN-HOSPITAL

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

It is only takes 15 days to erect this 3-storey, 1000m³ building. In an operating hospital, modular building concept minimized the trouble of daily working caused by construction.

ENGINEERING CASE
BASIC CABIN-SCHOOL

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

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 domitory shall resolve the problem.

ENGINEERING CASE
BASIC CABIN-HOSPITAL

Project Name: Xuanwu Hospital
Time: 2013
Location: Beijing, China
Floor Area: 300+135 sq.m

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

Project Name: Cancer Hospital
Time: 2014.6
Location: Beijing, China
Floor Area: 320 sq.m

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

ENGINEERING CASE
BASIC CABIN-RESIDENTIAL HOUSE

Project Name: Site Office in PNG
Time: 2013
Location: Papua New Guinea

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

ENGINEERING CASE
BASIC CABIN-OFFICE SPACE

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

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

ENGINEERING CASE
BASIC CABIN-EXHIBITION

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

One basic cabin wall can provide 45m² as advertisement area. Not exceed transport limitation in height and width, our cabin is suitable for shortterm advertisement. The catalogues and furniture can be store in the cabin during nighttime.

ENGINEERING CASE
BASIC CABIN-OFFICE

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 orgarically 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 50m² , and the erection is completed within 15days. Interior design comprehensively presents the simplism, including white office desk, chair, black square bookcase, ordinary light color timber floor without disorder feeling.

ENGINEERING CASE
BASIC CABIN-COTTAGE

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.

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

The project is laocated in a sea island named Sabah, Malaysia. All parts are manufactured in domestic workshp, 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.

ENGINEERING CASE
BASIC CABIN-HOSPITAL

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

ENGINEERING CASE
BASIC CABIN-HILLTOP VILLAGE

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

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

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

ENGINEERING CASE
BASIC CABIN-SAMPLE HOUSE

① installation work day one
② installation work day two
③ installation work day three
④ installation work day four
⑤ installation work day five

OCCINE Panel

OCCINE panel is a kind of wall panel 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.

ENGINEERING CASE
BASIC CABIN-SAMPLE HOUSE

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

ENGINEERING CASE
BASIC CABIN-SHOP

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

Project Name: Yansha Jiku
Time: 2014
Location: Beijing China

ENGINEERING CASE
BASIC CABIN-COFFEE SHOP

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.

Project Name: Coffee shop
Time: 2015
Location: Beijing, China

ENGINEERING CASE
BASIC CABIN-SHOP

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.

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

ENGINEERING CASE

ENGINEERING CASE

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