

- The main dimension :

10ft : L3029mm*W2438mm*H2591mm

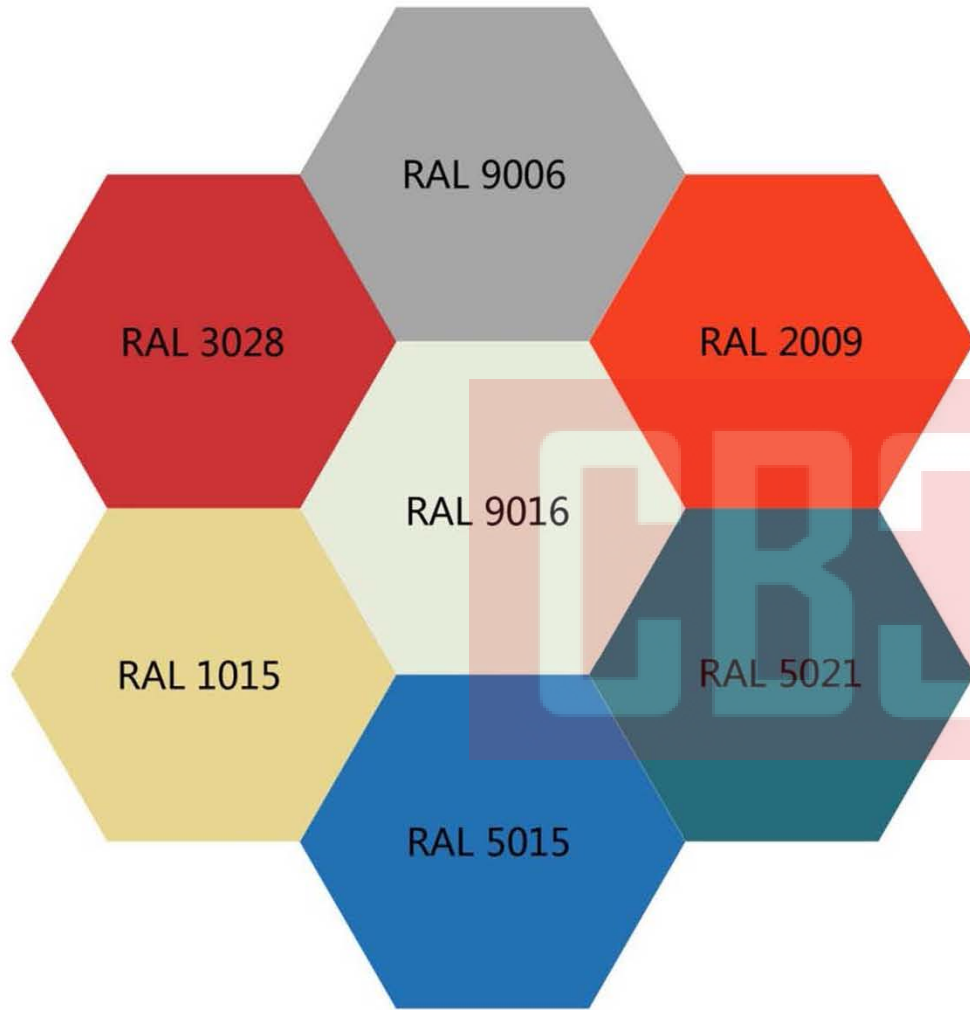
15ft : L4876mm*W2438mm*H2591mm

20ft : L6058mm*W2438mm*H2591mm

30ft : L9144mm*W2438mm*H2591mm

40ft : L12192mm*W2438mm*H2591mm

(Need customerized-made)



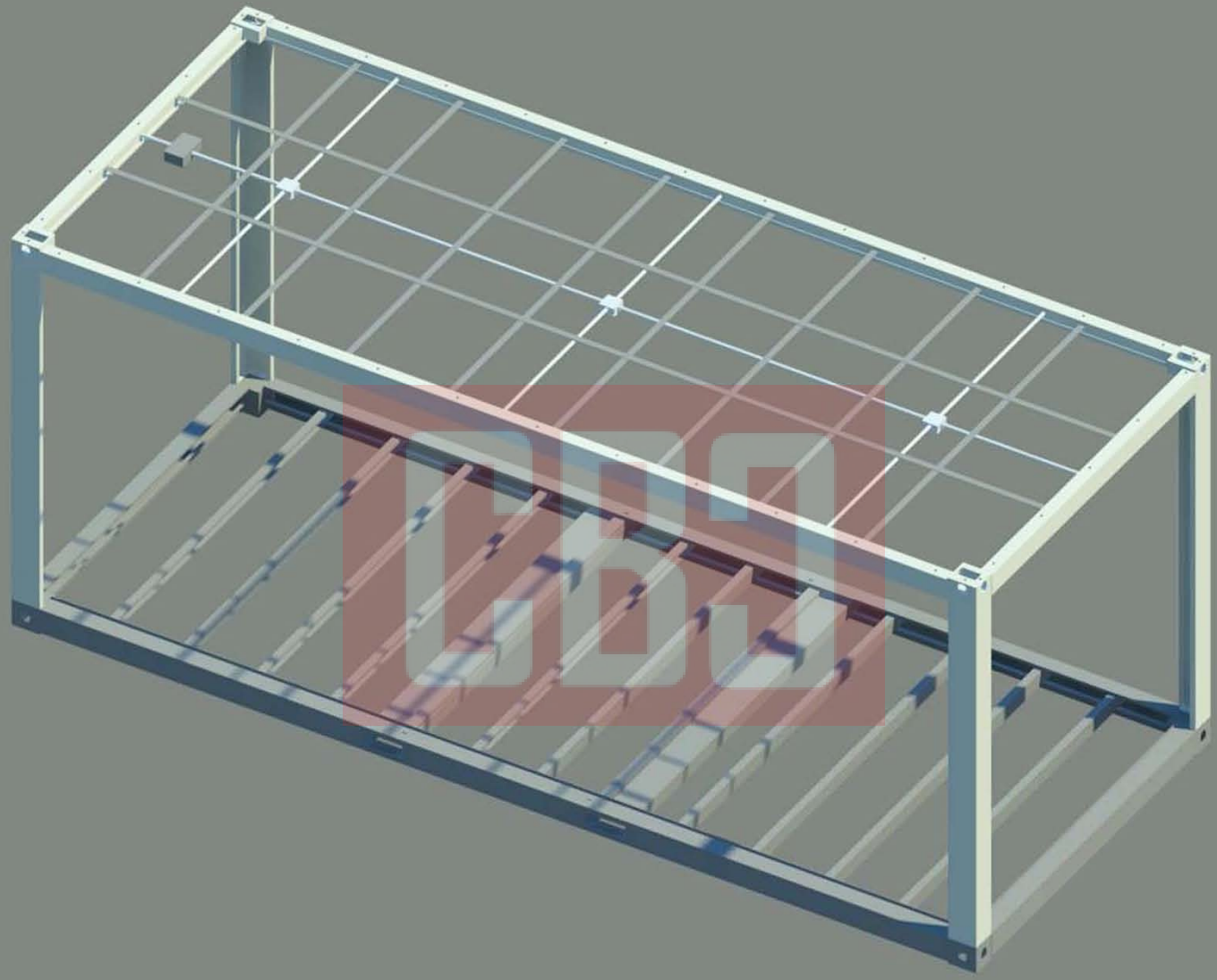
The common color for reference
常用颜色参考色卡

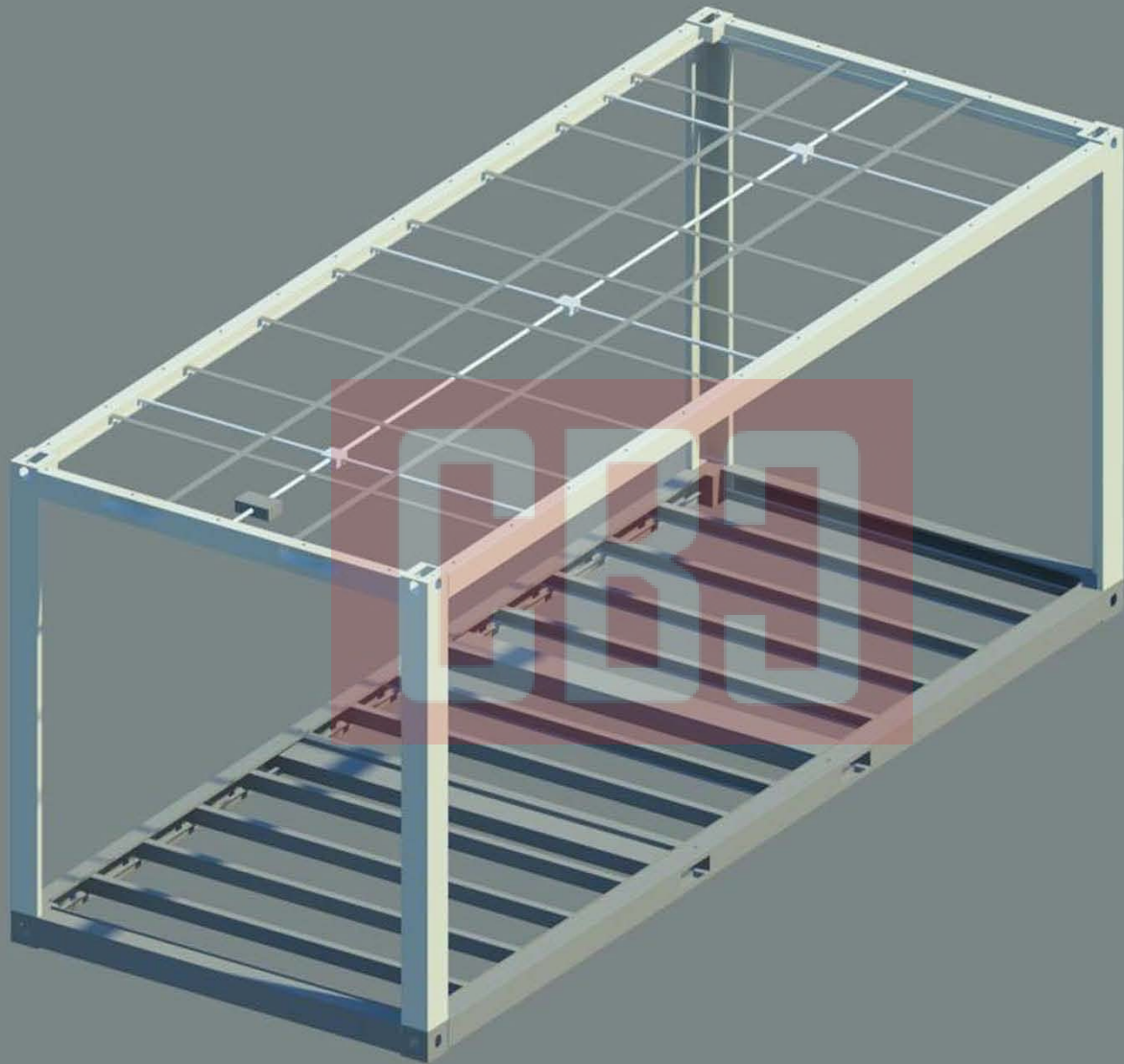
RAL 9016	Traffice white
RAL 9006	White aluminium
RAL 2009	Traffice orange
RAL 5021	Water blue
RAL 5015	Sky blue
RAL 1015	Light ivory
RAL 3028	Pure red

The main compositions :

- 1、 The main frame (with roof , floor chassis, piillar)**
- 2、 The wall structure (with wall panel, windows, doors)**
- 3、 The electrical system (with wirings, switches, sockets, lights and distribution box)**
- 4、 The plumbing system (with input and output)**
- 5、 The kitchen and Toilet equipments**
- 6、 The furnitures**
- 7、 The accessories (the decorative materials)**







The composition of roof :

- 1. Corner fittings:** It made from customerized-made Rectangular tube of Q345 steel material by cutting and welding. The height:160mm.
- 2. The long beam:** Q345 steel plate, thickness: 3mm, do galvanized treatment + painting.
- 3. The short beam:** Q345 steel plate, thickness: 3mm, do galvanized treatment + painting.
- 4. The sub-beam:** It made by cutting and bending of Q235 steel.
- 5. Conduit:** PPR pipe, the diameter of PPR pipe: 25mm
- 6. Surface:** colorbond steel sheet, $T=0.426$, the standard color: white grey color, the reference color No.: RAL9016.
- 7. Insulation:** PU foam, Thickness:70mm, Density: 40kg/m³.
- 8. Electrical system:** 6 Loops control box, with Leakage protection switch 1pc, Circuit breaker, 2pcs. The standard: 220V, Chinese standard.
- 9. The lighting system:** with 2 lamps for lighting, The standard: 220V, Chinese standard.

The self-weight for roof: about 350kgs

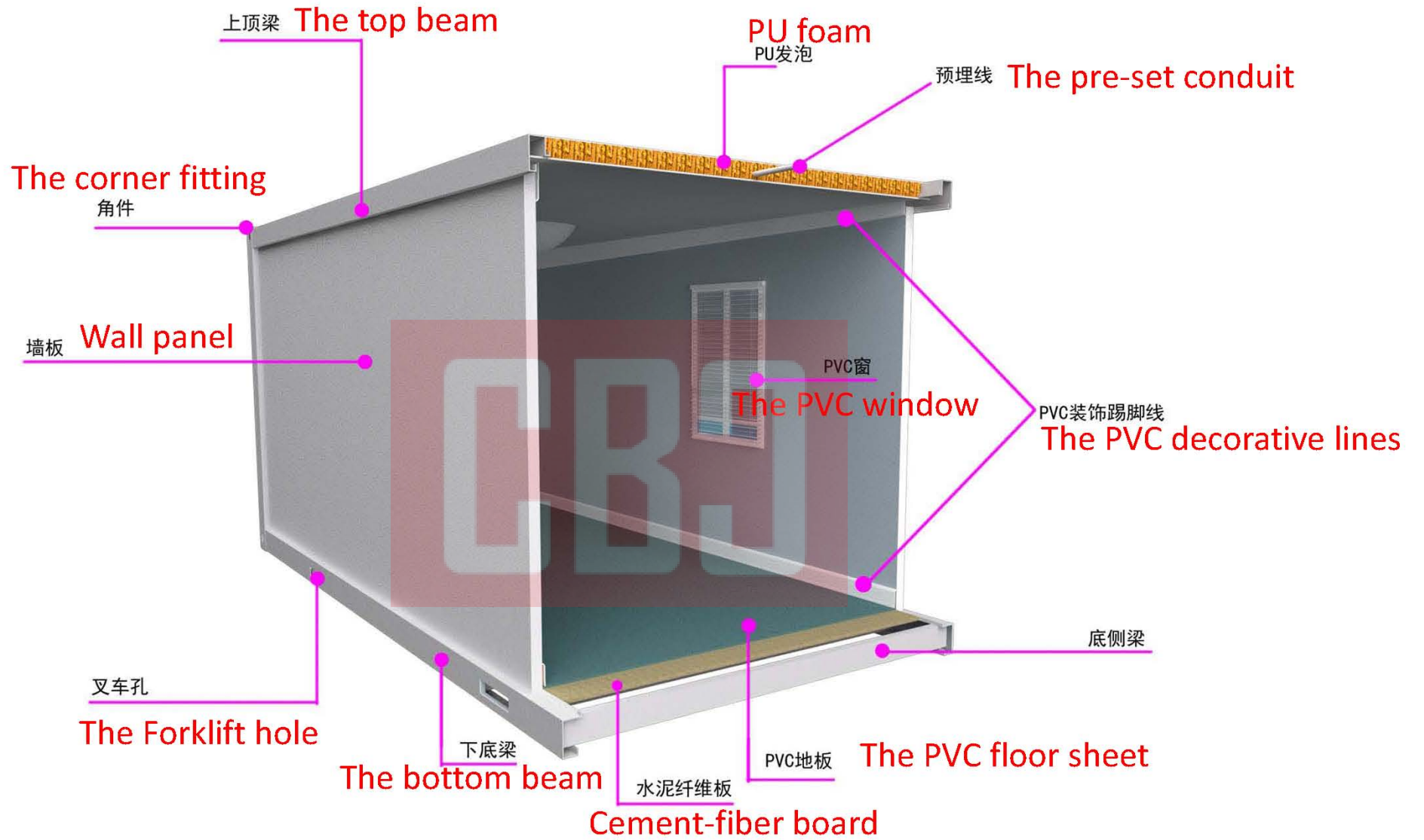
The live load: 1000N/m²

The color of the main frame: RAL9016 (white grey) , RAL3028 (Red) , RAL5015 (Blue)

标准型集装箱房——箱顶框架

The standard container house---Roof structure





The compositions of floor chassis :

- 1. Corner fitting:**It made from customerized-made Rectangular tube of Q345 steel material by cutting and welding. The height:180mm
- 2.The long beam:** Q345 steel plate, thickness: 3mm, do galvanized treatmean + painting。
- 3.The short beam:** Q345 steel plate, thickness: 3mm, do galvanized treatmean + painting。
- 4.The sub-beam:** It made by cutting and bending of Q235 steel。
- 5.The under-layer board:** Cement-fiber board, thickness:18mm。
- 6.The floor:** PVC floor sheet, thickness:2mm。
- 7.Insulation:** Glasswool, thickness:70-100mm, Density: 12kg/m³。 (Option)
- 8.Bottom cover sheet:** corrugated steel sheet, thickness:0.42mm。 (Option)

**The self- weight of floor chassis:
about 850kgs**

The dead load : 1000N/m²

The standard dimension for CBC Container house

Width* length (ft)	Outside dimension (mm)	Inside dimension(mm)
8*10	2438*3048*2591	2208*2818*2300
8*16	2438*4876*2591	2208*4646*2300
8*20	2438*6058*2591	2208*5828*2300
10*16	3048*4876*2591	2818*4646*2300
10*20	3048*6058*2591	2818*5828*2300
10*24	3048*7316*2591	2818*7086*2300

Common models:

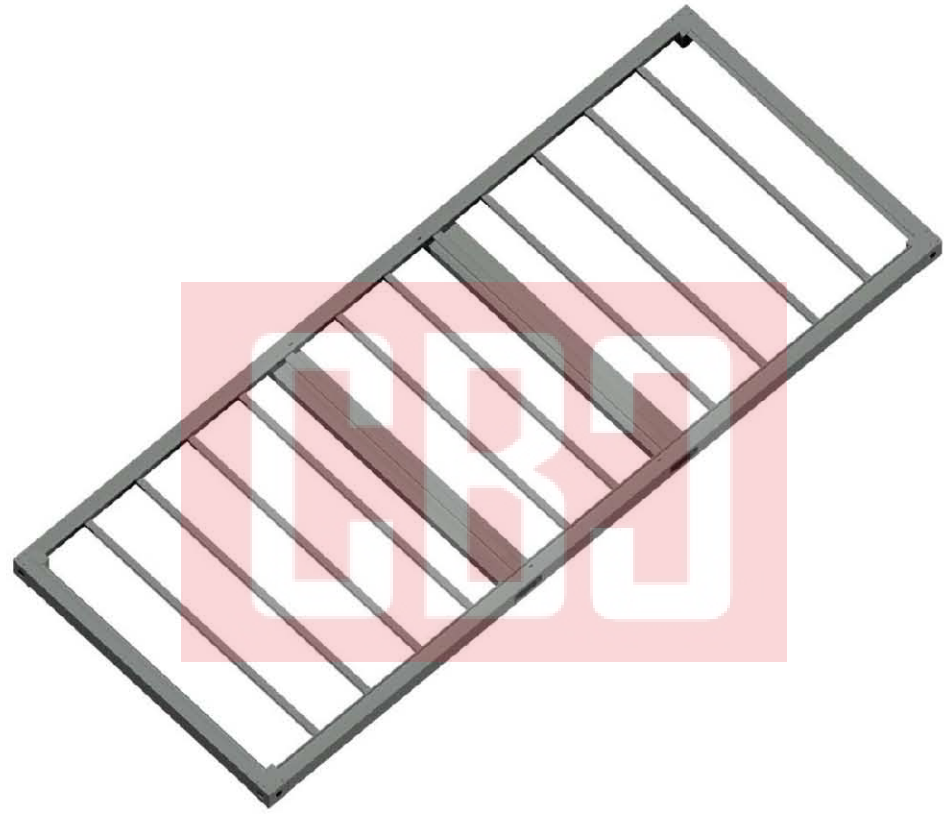
PTJ-8*20A

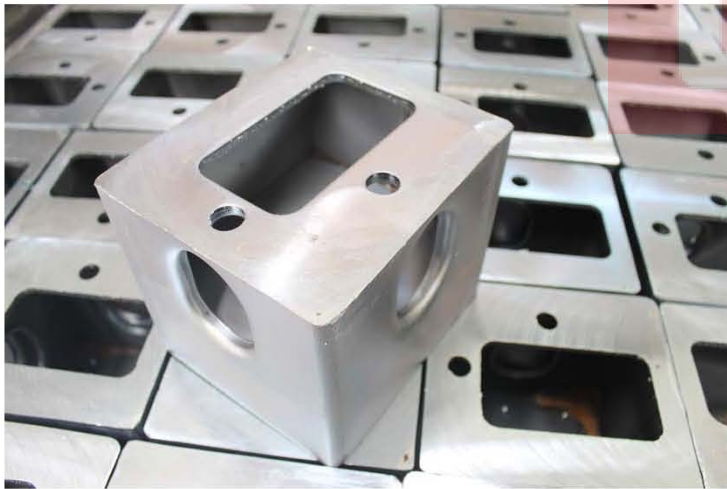
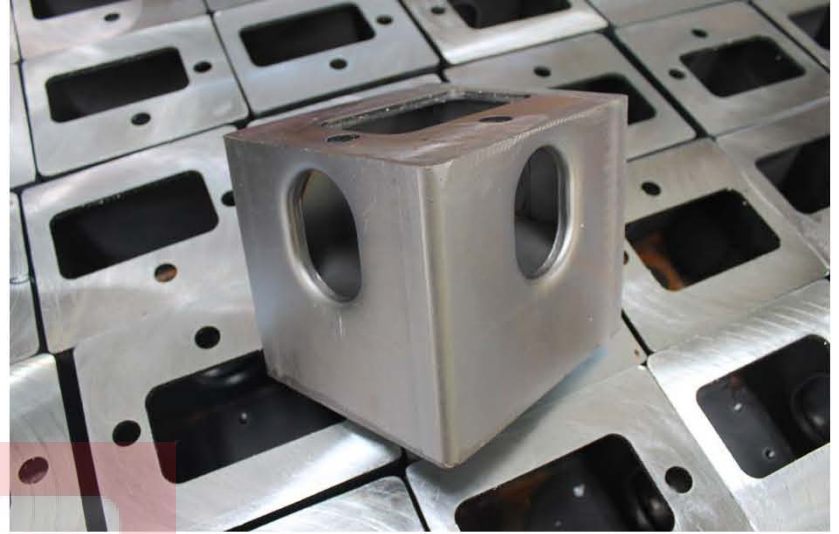
PTJ-8*20B

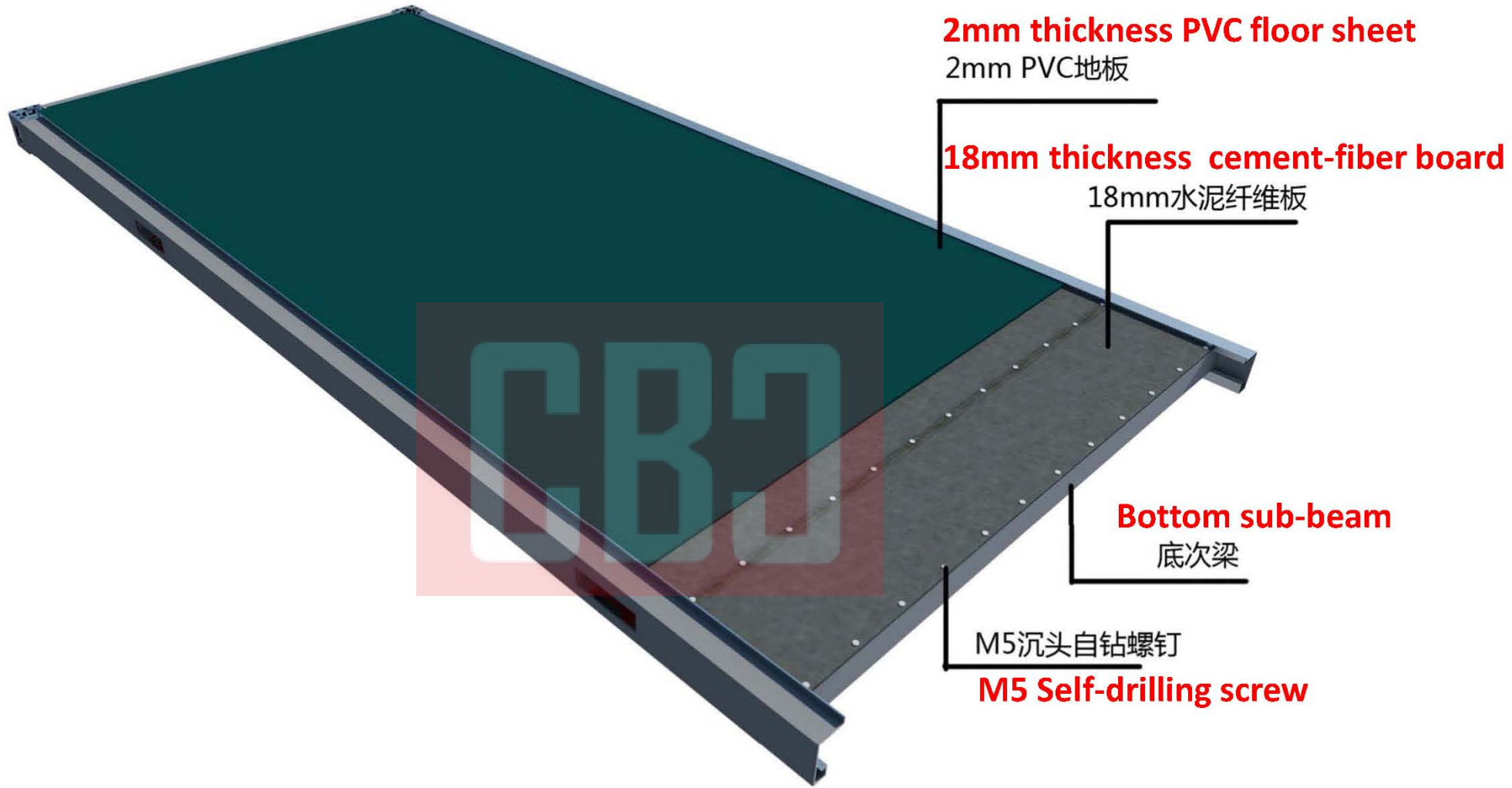
PTJ-8*20C

PTJ-8*20D

PTJ-8*20E







**The standard pillar is made from Q345 steel, by cutting and bending, the two ends with connection plate by welded,
The bolt for pillar' s connection is : M10*20 (Wrench size : M17)**

The standard pillar :

- 1. The height : 2266mm (it can be changed by different demand)**
- 2. The weight : About 24kgs/pc**
- 3. QTY : 4pcs/set**
- 4. The package : 2pcs/packages , with carton.
(The weight for single carton : 50kgs)**

标准立柱

The standard pillar

立柱连接板

板厚：10mm，孔径：12mm

The thickness:10mm, hole size: 12mm

立柱（板厚：3mm）

The pillar(thickness of steel plate:3mm)



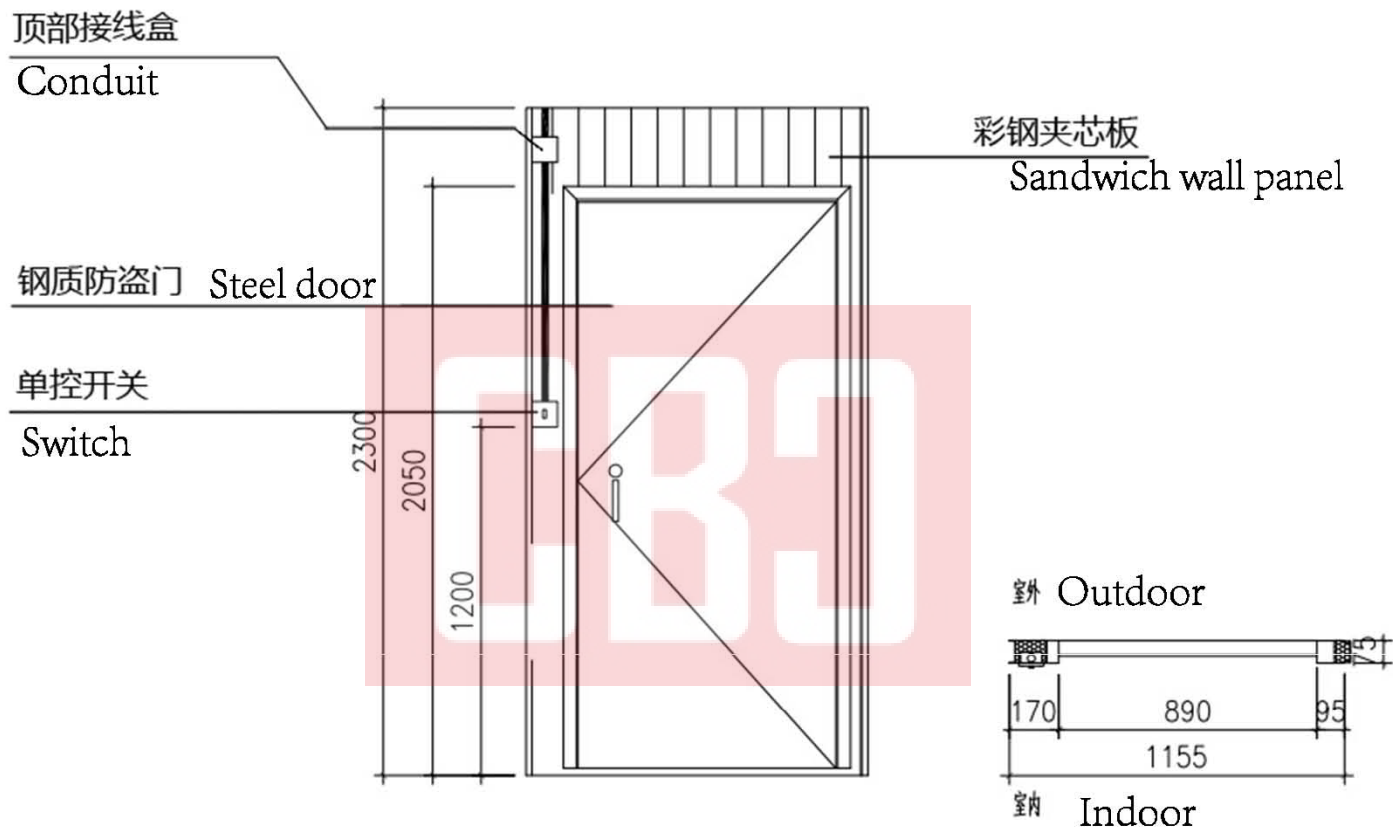
The standard wall panel : EPS sandwich panel , the specification : W1155mm*H2300mm*T75mm. (The height of the wall panel can be changed by demands)

**The insulation material for wall : EPS \ PU \ Rockwool
Thickness : 50mm, 75mm, 100mm.**

The surface material : the colorbond steel sheet with zinc-alu coated, colorbond steel sheet, stainless steel sheet, etc.

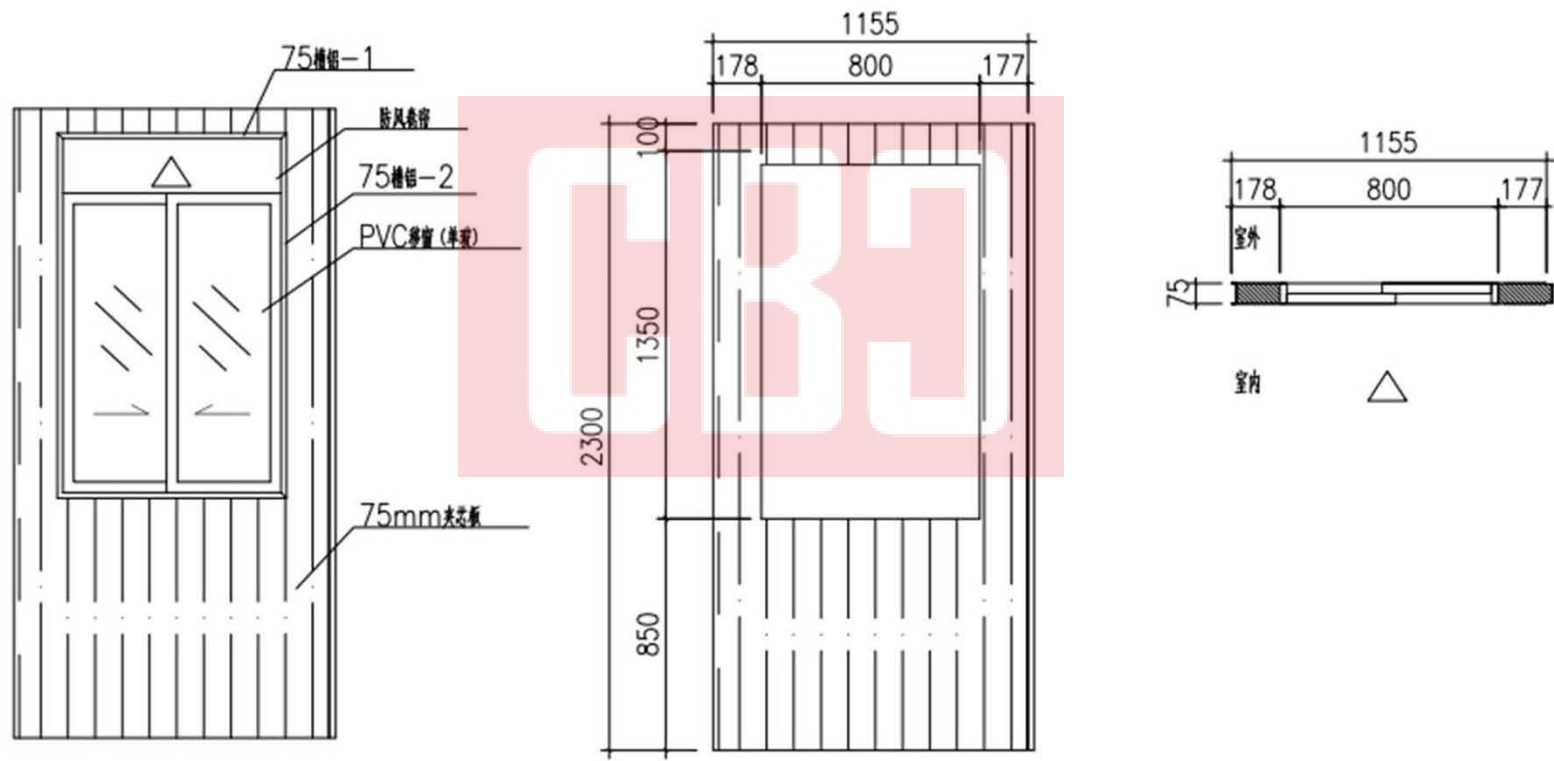


带门墙板 Wall panel with door



带窗墙板—图示

Wall panel with window



Project Shows



Details :

Location:Venezuela QTY: 474 sets

Model used: PTJ-8*20B , PTJ-8*20C , PTJ-8*20D , PTJ-8*20E

Project time: 2012. 11. 25

Usage: Temporary house for low-incomers



Details:

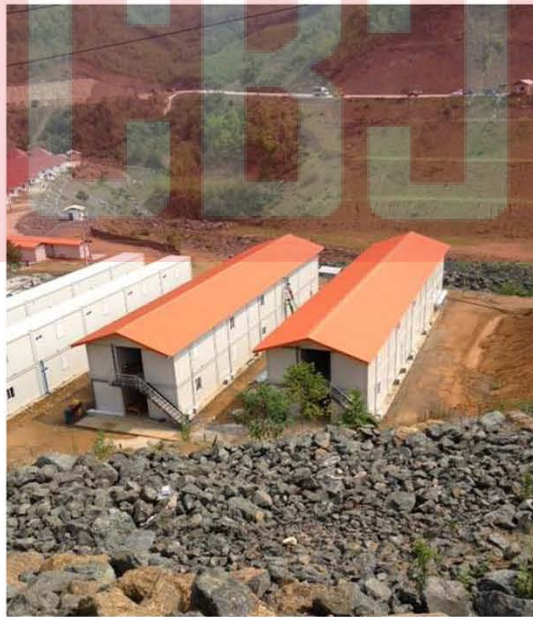
Location: loas

QTY: 60 SET

Project time: 2014.07

Usage: Worker Accommodation





Details:

Location: Mozambique

QTY: 36 SET

Project time: 2013.12

Usage: Mining camp



Details:

Location: Philippines

QTY: 36 SET

Project time: 2015.01

usage: Camp office building



Details :

Location:Kazakhstan

QTY: 1500SET

Project time: 2015.01

Usage:Mining Camp



The Detail for installation



Working hours :

The standard 20ft container house: 1 day/set/2 workers ; The standard 20ft container house with toilet room:1.5 days/set/2 workers.

The tools :

- 1.Hoisting machinery for the lifting of the top of the container house: crane or other lifting equipment, lifting force requirements more than 2 tons.**
 - 2. Electric hand drill : The power requirements larger than 300W. (Supporting the electric drill used 8mm six group and PH2*100mm group head angle cross head)**
 - 3. Electrician's tools : Needle nose pliers 、 4mm, slotted screwdriver 、 Test pencil, insulating tape 。**
 - 4. Wrench : Pillar and corner connection bolt specifications : M10,use the 17mm ratchet spanner 2pcs 。**
-] The connection bolts for two container house : M16 , Use 24mm open ring wrench 2pcs**