

Design Description

General Description;

1. Size of single container house is 6000mmx3000mm, height 2. 60m. Internal clear height 2. 28m (Indoor floor to the lowest point of indoor ceiling panel).

Advantages of the project:

- 1. All components are mechanized and integrated with high precision.
- 2. The upper part of the component contains reserved holes, including 12mm tapped hole, self-tapping screw pre-hole; thus no need to punch on site.
- 3. The structure is simple to install, the category of components is not various, and the on-site installation is convenient.
- 4. Wall panels can be interchanged and compatible with a large variety of housing applications.
- 5. For special areas with high temperature requirements, the insulation goal can be achieved by replacing the wall panels and increasing thermal insulation of the top and bottom.

Material parameter:

Frame: Modular container house, the overall frame is Q345hot galvanizing. (The frame can be disassembled to put into a 20ft container).

RoofPanel: 0. 4mm corrugated colored steel sheet + 100mm glass wool + 0.4 mm colored steel ceiling.

Wall Panel: 50mm glass wool sandwich panel, both side are 0.4mm color steel sheet

Floordeckboard: 1. 5mmPVC floor +18mm fiber cement board

Door & Window: D1: 930*2100mm Steel open door

W1: 930x1100mm -in Aluminum alloy Single glazed sliding window

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