



# PROJECT CASE



ALC WALL PANEL PREFAB HOUSE can be applied in apartment,store,villas, exhibitions,government projects,office building,Living house and so on.

- \* Low cost and over 50 years lifetime
- \* Easy to install
- \* Good fire -proof and good insulation



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## LAYOUT REFERENCE



Here just for single storey small house like 45m<sup>2</sup>,50m<sup>2</sup>,60m<sup>2</sup>,70m<sup>2</sup>,80m<sup>2</sup>,90m<sup>2</sup>,100 m<sup>2</sup> and final material will according customers design to confirm.

## ALC WALL PANEL



ALC/AAC panel (Autoclaved Lightweight Concrete panel) is also called AAC panel (Autoclaved Aerated Concrete panel) is a new type eco-friendly lightweight porous building material with cement, lime, silica, sand, fly ash etc.as the main raw material and anticorrosive steel mesh as the internal structure. The porous crystalline ALC panel is produced by procedures of grinding, pouring, curing, cutting, steaming, separating and so on, through high temperature, high pressure and steaming process and has excellent performance in fire resistance, anti-earthquake.



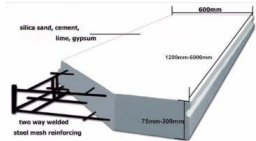
# ALC WALL PANEL



## ADVANTAGES

**Reducing project and Convenient construction :** ALC can be used independently without any auxiliary and reinforced structural components.

**Environmental Protection :** Slag, flyash, mine waste and other industrial wastes can be used as raw material of ALC Panel, which is friendly to environment.



**Lifetime:** Over 50years.

**Fire proof:** there are double bidirectional steel bars inside of ALC panel and its main raw materials are inorganic

**Sound insulation noise reduction :** with distinctive large quantities of pores inside, ALC panel has great sound insulation

**Good heat preservation, energy saving :** with a large number of pores inside, ALC panel has good heat preservation

# ALC WALL PANEL



## Technical Design

Sound insulation (DB)		Light weight and high strength (Density Grade)		Fire resistance (MAX Hour) (Wall panel thickness)
75mm ALC panel + double side putty	38.8	Strength level A3.5 B05	Strength level A5.0 B06	75mm >2hours 100mm=3.75hours 150mm= 5.75hours 200mm=8.0hours
100mm ALC panel + double side putty	39.0	Oven-dry density ≤525kg/m3	Oven-dry density ≤625kg/m3	Coefficient of heat transfer
150mm /200mm ALC panel + double side putty	44.0/48.4	After Frozen Strength ≥M2.8Pa	After Frozen Strength ≥M4.0Pa	



# ALC WALL PANEL

Exterior wall panel



Interior wall panel



Floor wall panel



Roof wall panel

ALC WALL PANEL is not only used for exterior wall panel of prefab house but also widely used in interior wall panel, floor panel, roof panel of prefab house and make prefab house more strength and stronger for living .

## Installation Fittings



Reference regular installation fittings pictures



Alc wall panel prefab house installation will need those reference regular hardware fittings to install and final hardware fittings according customers design .



## Installation Reference Pictures





# Shipping





**ASIAN DRAGON** EXPORTER

# MODULAR HOUSE

- PREFAB HOUSE
- CONTAINER HOUSE
- LIGHT STEEL VILLA



# PREFAB HOUSE



Single floor K type



Double floor K type



Three layer K type



T TYPE can be customized

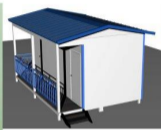


# INTERIOR LAYOUT





# PROJECT CASE



Prefab buildings can be applied in workshop, exhibitions, government projects, office building and so on.

- \* Low cost and 20 years lifetime
- \* Easy to install
- \* Convenient to move



# CONTAINER HOUSE



## IEPS SANDWITCH PANELS



MAIN STEEL STRUCTURE FRAME



ALUMINUM SLIDING WINDOW WITH SECURITY NET



IEPS



## EPS SANDWITCH PANELS



Main Steel Structure Frame



EPS Sandwich Panel



Fluorescent Lamp



Aluminum Window



Steel Door



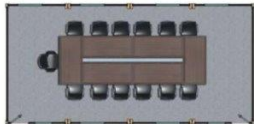
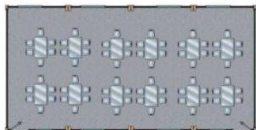
Corner Pieces



## LOADING PACKAGE



# INTERIOR LAYOUT







# PROJECT CASE



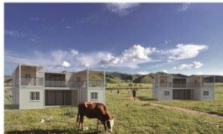


# PROJECT CASE

Container house can be widely used in hotel, school, building office, hospital, government projects and so on.



- \* Innovation design
- \* 20 years lifetime
- \* Make life more colorful
- \* Family style housing



# LIGHT STEEL VILLA



# INTERIOR LAYOUT





# PROJECT CASE



Light steel villa can be widely used in buildings, Family style home, police box, office building and so on

- \* ECO-FRIENDLY MATERIAL
- \* Beautiful Appearance
- \* 70 years lifetime



# MARKET

We have long-terms business cooperation with clients in different countries





## ENVIRONMENT & RESPONSIBLE



Environment : ECO friendly materials have to put health problems into consideration with our living environment and this new style housing are around our life cycle and we have to take environment to our next generations.



Responsible: As a building enterprise we have to work with government together and follow environment rules so that make our living life better and better , not just only developing products. We have to take responsible for the building project in the environment issues and deeply develop good environmental awareness then build eco-life.



# HIGH QUALITY

# BEST SERVICE



THANK YOU FOR YOUR  
ATTENTION !