



MODULAR HOUSE

EXPORTER

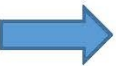
- PREFAB HOUSE
- CONTAINER HOUSE
- LIGHT STEEL VILLA
- ALC PANEL





Work Shop: 6048 square meter

Production Ability: 500000 m² Per Year





PROJECT CASE



ALC WAL 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 fired-proof and good insulation



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LAYOUT REFERENCE



Here just for single storey small house like 45m²,50m²,60m²,70m²,80m²,90m²,100 m² 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, and warm keeping .



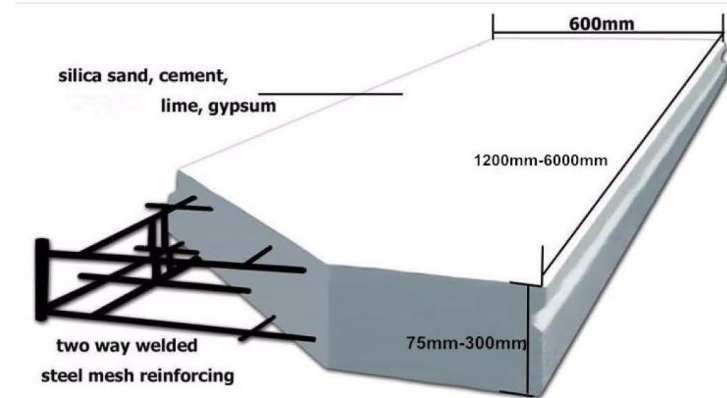
ALC WALL PANEL



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/m ³	Oven-dry density ≤625kg/m ³	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



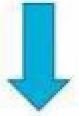
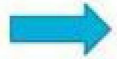
Alc wall panel prefab house installation will need those reference regular hardware fittings to install and final hardware fittings will according customers design to choose.

Installation Reference Pictures





Shipping





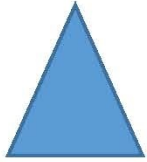
MARKET

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

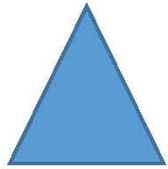




ENVIRONMENT & RESPONSIBLE



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.





OUR SERVICE

Pre-Sales Service

We offer you the full sets of design and the project costs and others related questions before the projects beginning.

Build Guide

We offer you the build guide, about the installation, you can use your own contractors or we can have our professional engineer or even the building team to work for you. To save your energy and offer you the safe and satisfied house to you.

After-Sales Service

We offer you the training how to install the buildings, how to install and machines and how to use the machine software.

