



ASIAN PREFAB HOMES

ISO:9001:2015 Certified Company

**Spl.In:
Prefabricated Offices & Homes**

About Us

Asian Prefab Homes has a strength of technical teams to meet every single requirement of the client. The Prefabricated Structure Manufactures by Asian Prefab Homes Covers Various application including

Get in Touch

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Plot No - 268, Daultabad industrial area. Gurgaon Haryana (India)

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www.asianprefabhomes.com

Our Products & Services

ASIAN PREFAB HOMES Has a Strength of Technical Teams to Meet Every Single Requirement of the Client. The Prefabricated structure Manufactures By Asian Prefab Homes Covers Various Application Including.

- Prefabricated Site Offices
- Portable Cabins
- Office Container
- Prefabricated Hill Cottages
- Prefabricated Class Rooms
- Prefabricated Health Center
- Telecom Shelters
- Storage Sheds
- Labour Camp
- Guard House
- Roof Top Living House
- Cold Storage
- Wall Partition Works
- Resort Accommodation
- Low Cost House.

PUFF PANEL

TECHNICAL SPECIFICATION

Product	Technical Details
Width-Wall	1200mm,870mm (CUSTOMIZED)
Width-Roof	980mm
Core Thickness(mm)	40,50,60,80,100
U Value(W/m ² k)	0.53,0.43,0.33
R Value(h.ft ² .°F/\Btu)	11,13,16,20
Facia Options	PPGS/Sand Coated G1
Density(Kg/m ³)	40(+/-2)
Thermal Conductivity of 10C Mean Temperature(W/m °K)	0.023
Compressive Strength at 10%	2.1
Deformation(kg/cm ²)	
Bending Strength(kg/cm ²)	4.
Tensile Strength(kg.cm ²)	3.7
Adhesive Strength(kg.cm ²)	2.9
Foam To Steel	
Water Absorption(Value%)	0.2%at100% RH
Closed Cell Content(%)	92-95%
Varour Permeability at 90% RH & 38 OC (Gms/Hr.\$QM)	0.12
Fire Class	Fire Resistant

Birla Aerocon Panels-Technical Specifications

Properties	Thickness		Remarks
	50mm	75mm	
Weight(dry)per Sqm(Kgs)	42	58	
Axial Load/meter width(KN/m)	55	85	ASTM E72(Factor of safety-2.5)
Bending Test(4point UDL)			ASTM E72 (Factor Of Safety-2.5)
Uniform Distributed Load(Kg/m ²)			
2.9m Span	66	95	
Flexural Strength/Modulus of Rupture(kg/cm ²)	60	50	IS 2380-Part4
Thermal Conductivity(W/m deg.K)	0.18	0.17	IS 3346
Sound Transmission Coefficient(db) (Typical Test Results of NPL,Delhi)	40	45	IS:9901(Part III)-1981
Fire Rating(minutes) (Typical Test Results of CBRI)	105	120	BS 476 Part 20-22
Surface Spread of Flame	CLASS I		BS 476 Part 7-1971
Fire Propagation Index(I)	3.0		BS 476 Part 6-1981
Ignitability	CLASS P(Not Easily Ignitable)		BS 476 Part 5-1968
Standard Sizes	Length-2.4m,2.7m,3.0m Width-600mm		

WALL AND ROOF PANEL



AEROCON PANEL



PUFF PANEL



E.P.S PANEL



PUFF ROOF PANEL



PUFF ROOF PANEL

ADVANTAGES

Robust Construction

Ternite, water and fire retarding structure safe in earthquake Prane areas.

Quick-Assembly

Unmatched assembly speed-8 people in 24 houes for a 500 sq ft house.

Attractive Designs

Customized to your need with a beautiful and elegant finish.

High Quality

Robust, durable structure, built to withstand strong winds and snow loads.

Cost Effective

An affordable combination of quality and cost.

Insulation

Sandwich Insulated panels provide good soundproofing, and Insulation against hot and cold climate.

Light Structures

Easy to transport and install in remote in accessible areas Including hilly terrains.

Long Life

Once Instaleed will match the life of conventional construction.

Flexibility in Construction

Can also be erected on steel based frameworks, with floorboards, steel deck etc. based on customer requirement.

PREFABRICATED SITE OFFICE



HILL COTTAGE



PREFABRICATED CLASS ROOM



PREFABRICATED LABOUR ROOM



RESTORT ACCOMODATION



MS STRUCTURES



COLD STORAGE



PORTABLE CABIN



CONTAINER OFFICE



INTERIOR WORK



PREFABRICATED GUARD HOUSE

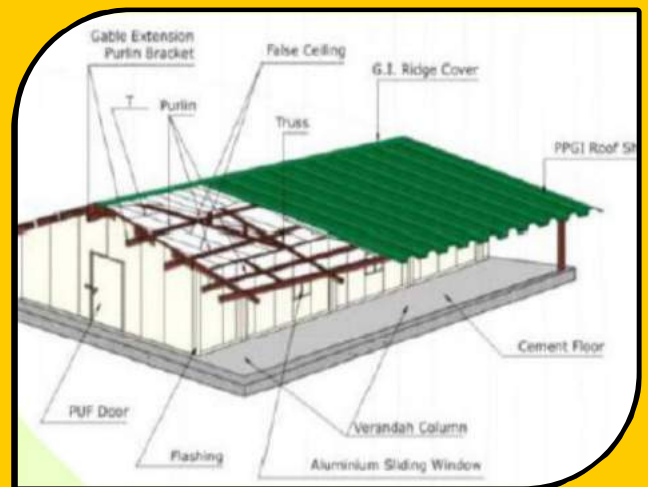
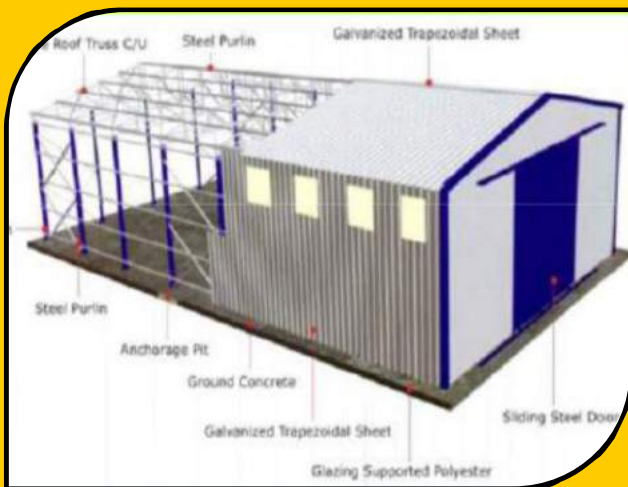


ROOF TOP ACCOMODATION



PARTITION WORKS





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For Any More Detials Please Contact Us

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