

























High Performer | Cost Effective | Rapid Installation

Application

- | | |
|---|--|
|  Labour Housing / Camp |  Police Housing |
|  Primary School Building |  Site Office |
|  Primary Health Center |  Security Cabin |
|  Refuge Camp |  Staff Quarters |
|  Base Telecom Shelter |  Clean Room |

Advantages

- | | |
|---|---|
|  Easy & Instant |  Low Maintenance Cost |
|  Installation |  Aesthetic Appearance |
|  Weather Resistance |  Fire Retardant |
|  Knock – Down System |  Anti Corrosion |
|  Good Thermal Property |  High Flexural Strength |
|  Easily Relocated |  Good Impact Resistance Property |
|  Water Proof |  Segmented Under Movable |

creative : brnadstory.co



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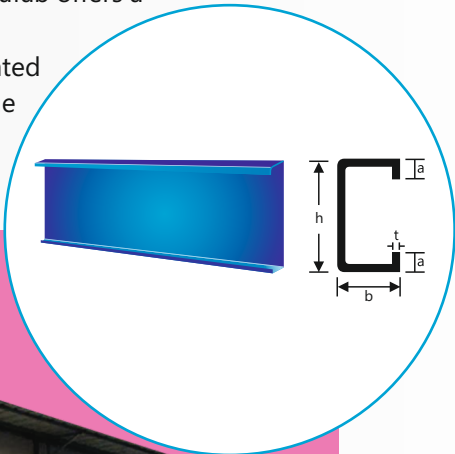
An ISO 9001:2008, 14001: 2004 & OHSAS 18001:2007 certified company



Easy, Fast, Tailor made for your convenience

Bajaj Group, Nagpur was established in 1961. It is the Largest and Modern Cotton Ginning & Pressing Machinery Manufacturer in India. It has a wide experience in metal forming, fabrication and machine assembly.

Bajaj Instafab & Bajaj Reinforcement LLP a Bajaj Group Company ventured into Prefab Structures business to serve the infrastructural & industrial growth of India. Bajaj Instafab offers a complete range of building solutions viz, Roofing, Ceiling, Wall, Door and Pre fabricated buildings for Industrial, Commercial and Residential sector. Our entire range perfectly meets with all the specific requirements of the clients. We aim to serve the infrastructure industries with high quality and timely delivery of Prefab Structures.



Hollow steel tube section

- Prefabricated house is made of light steel as steel structure and sandwich panels for wall and roof.
- The insulation of sandwich panels can be polystyrene, polyurethane, rock wool or fiber glass.
- Assembled by nuts and bolts, anchor fasteners.



Prefabricated Labour Housing

- Modular, single piece, pre-engineered units comprising of two metal faces and fully insulated core to enhance thermal property.



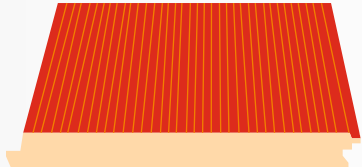
EPS Corrugated colored steelsandwich wall panel

- Polyurethane injected, twin skinned panel with tongue and groove and /or camlock system for perfect joint and connection.
- The twin skinned (inner and outer) is either made of powder coated or Galvanized steel.



Standard Structure & Material are used for long life of PREFAB

- PUF insulated roof panel are design with option of high rib and low rib.
- Roof panel is made with inner side low ribbing and outer side high ribbing for easy flow of rain water.



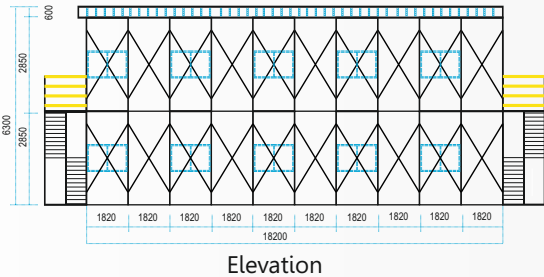
PU (Polyurethane) double-face Colored steel sandwich panel



Military Camp



Refuge Camp



Elevation

The specifications are various and structures are designed and custom made to suit your needs and requirements. The prefabricated house 1 are all made of standardized components, take **K** as modulus (1 K = 1820mm), the length and width of our prefab house is nK+160 and nK+160. Number of floors is denoted by the P modulus (1P=950mm), 3P being one storey, 6P two storey, 9p three storey.

All the components of our house are prefabricated before leaving the factory, which are easily assembled and disassembled on worksite. The windows and doors of our prefabricated house can be freely arranged according to customer's requirement.

The complete knocked-down characteristic of our prefabricated house components can save as much space of the container as it can during ocean transportation so as to much lower transporting cost.

Can be installed at any location because of light weight & high quality material Easy for shifting & instant erection at any location for multiple applications. Also, available with facility of :

- Kitchen
- Sanitary
- Bunk bed.
- Ventilation.
- Staff mess
- Dormitory
- Electrical accessories.
- Furniture



Kitchen



Common Sanitary



Dormitory



Ventilator

Detail specification & material list of Bajaj Instafab

No.	Item	Name	Specification and Parameter
1	Spec.	Length	n*K+160mm (2≤n≤30, 1k=1820mm)
2		Width	n*K+160mm (2≤n≤5, 1k=1820mm)
3		Wall height	3P (2850mm) / 6P (5700mm) / 9P (8550mm)
4	Standard Configuration	Ground beam	C channel steel
5		Column	Double-C channel steel
6		Beam	Herringbone truss beam (welded by C type Steel)
7		Purlin	C80 channel steel
8		Wallboard	50mm thick double-face of color steel sandwich panel
9		Roof board	50mm/75mm Double-face of corrugated color steel sandwich panel
10		Door	Color steel sandwich panel door, size is 1620mm* 2000mm or 850mm* 2000mm
11		Window	Plastic steel sliding windows, size: 1735mm* 925mm