

**V'CRAFT** *Designs*  
INNOVATE. ACCELERATE. ELEVATE



*“Craft your own space”*  
is the Future.

**EXPERIENCE IT WITH V'CRAFT**



**VCRAFT** *Designs*  
INNOVATE . ACCELERATE . ELEVATE

Construction has always been an important factor for any country and brings its impact on the environment directly. But when we talk about construction, the pre-engineered building segment also gets into discussion for sure.

All types of construction brings impact on the environment but the impact of prefabricated construction is very less as compared to other types of construction. This is one of the reasons why most people believe in this concept no matter if the project is Government or any private project.



Prefabricated construction option has various advantages such as it is cost-effective, highly durable, energy-efficient and most importantly it is built from green building material.





## EMPHASIZING ON QUALITY

We are manufacturing our products by using high quality raw materials and eco-friendly techniques. Our products are a synonym of quality and safety. Leveraging our manufacturing strength we have the capability of customizing our products as per the requirement of our clients. Our Aim to deliver superior quality products/concept which gives 'value for money ' feeling to our clients. We have technologically advanced machinery to ensure innovative and flawless products. Apart from that, we have a standard warehousing and packaging facilities.

### FEATURES

- » Prefabricated and customized design
- » Easy Construction – Time – Labor saving
- » The wall and roof system combines several kinds of materials which can resist different kinds of weather
- » Normally more than 20 years using lifespan
- » Environmental Friendly
- » No seepage and termite proof
- » Fast and hassle free construction
- » High quality doors and windows
- » Option for air conditioning, designer lighting etc
- » One stop solution ( includes plumbing, electrical & civil )
- » Containers with customizable height, width & length available



### SPECIFICATIONS

- » Convenient and cost efficient to Ship
- » Professional design
- » Easy to Install
- » Fast construction

### OUR PRODUCTS

- » Tiny Homes
- » Container Offices
- » Storage Containers
- » Container Restaurants
- » Mobile Toilets
- » Multipurpose Containers
- » Customized Containers
- » Café Containers & More

# HOW WE BUILD

## **OUTSIDE PAINTING :**

All the Externally Components will Be Painted WITH Two Coats Of Epoxy Primer and Epoxy Paints Each.

## **INSIDE PAINTING :**

Asian Paints or Equivalent Quality Paint Will be Used On Cement Fiber Board.

## **WIRING :**

All the Wiring Will Be Concealed & will be of PVC Insulated Copper Wire. ( RR Cable / Polycab Wires or Similar Brand Products Will Be Used. )

## **EARTHING:**

Earthing Points Will Be Provided For Utility & Safety Reasons.

## **HOOKS :**

Specially Designated Hooks For Easy Lifting and Shifting.

## **TOILET & PLUMBING:**

All the Plumbing Work Will Be Done Using High Quality Products With Internal Piping Of UPVC ( Brand Hindware / Sera or Equivalent).

## **PANTRY :**

12MM Granite Top with SS Sink and Customizable Storage Options.

## **FURNITURE:**

Entire Furniture will be made in High Quality Pre Laminated Particle Boards.

## **PARTITION:**

The Partitions Will be Made Using 12MM Cement Boards or Aluminium Sheets.

## **ELECTRIC FITTINGS:**

All The Electric Fittings Shall Be 20-240V, AC 50 Hz. Along with Modular Switch & Socket with Ceiling Cabin Fan, Led Lights & External Bulkhead Light Above The Door. Additionally, 32 AMP MCB Unit At The Input Junction For Safety.





## **STRUCTURE :**

Made Of TATA Steel or Asian Pipes & JSW or Essar HR Sheet.

## **PANELLING OUTSIDE :**

1.2MM Thick G.I Corrugated Sheet with Shera Board.

## **INTERNAL WALL PANELLING:**

12MM Cement Fiber Sheet With Customizable Color Options.

## **ROOF OUTSIDE:**

Specialy Formed G.I Plain Sheet Of 1.2MM Thickness with A Self Sustained Drainage System.

## **FLASE CEILING (POP) :**

12MM Cement Fiber Board with Color Option.

## **BOTTOM FLOORING:**

18MM Cement Fiber Board & Installed with Taping Screw. Along with 2MM Thick Vinyl Wooden Planks.

## **DOORS :**

Main Door will be in 10MM Toughened Glass / Customizable as per requirement.

## **WINDOWS:**

Aluminium Powder Coated Windows.

## **INSULATION:**

All Void Within the Internal & External Walls will be Fitted with 50MM Thick Rockwool for Side Walls and Roof, which Poses Rare Combination Like Lower Thermal Conductivity & High Resistance to Moisture & Heat For False Cieling and Side Walls.

# HOW WE BUILD



# PREFAB PORTABLE HOMES & OFFICES



## SPECIFICATIONS :

**BASE STRUCTURE: MS OR GI & 18MM CEMENT SHEET**

**WALL : GI CORRUGATED SHEETS & CEMENT SHEET OR LAMINATED BOARD**

**HEAT INSULATION : ROCK WOOL**

**THINK PREFAB  
THINK VCRAFT**

**INSULATED SANDWICH PANELS**  
Aesthetically Beautiful and Efficient Insulation



**PUF PANEL**



**EPS PANEL**



**ROCKWOOL PANEL**



**GLASSWOOL PANEL**



# POLYURETHANE FOAM (PUF) PANEL

Polyurethane Foam (PUF) Panel is an important product in the construction industry because of its numerous advantages. Actually PUF panel is one of the most effective way to maintain the energy efficiency of any building. Insulated PUF panel building keeps the building cool in summer and warm in winter. As the result Puf panel saves up to 40 – 50 % of heating and cooling cost. Puf insulated panels increase the effect of thermal efficiency and reduce the temperature inside the buildings. Puf panels are used for various applications like Food processing industry, Cold storage, Living Shelters, Prefabricated shelters, porta cabins, ripening chambers, clean rooms, Control rooms, health centres, wall cladding, High altitude accommodation shelters and many more.

## BENEFITS

Higher energy saving because of very low thermal conductivity.

Total construction cost (materials and labor) is lower than for traditional framing.

Reduces the effect of noise pollution.

All weather proof construction and maintenance free.

Long lasting value with controlled quality, accuracy & speed of construction.

Lighter in weight, easy to transport and highly Insulated.

High in quality, durable and economical.

Easy assembling.





# PREFAB POLYURETHANE FOAM (PUF) PANEL



## FEATURES

**Light weight panels which are easy to use and erect at any height.**

**Sturdy & strong construction.**

**Higher energy savings due to very low thermal conductivity.**

**All weather proof construction and maintenance free.**

**Frameless construction & ease of design.**

# WHY EPS PANEL IS BETTER OVER TRADITIONAL CONSTRUCTION?

Prefabricated construction is the preferred choice over traditional construction these days. EPS panel is used in prefabricated structure for walls, roofs, and foundations.

These insulated panel are strong, highly durable, easy to maintenance, easy to relocate and completely recyclable.

The biggest benefit is the cost saving including cost of construction, material, worker and most importantly time saving.

## EPS PANEL HAVE THE FOLLOWING ADVANTAGES OVER TRADITIONAL CONSTRUCTION -

EPS panel do not required skilled labour to erect the structure.

Once insulated Panels are ready to be transported, then easily can be install at construction site without any advance preparation.

For prefabricated structures, insulated panels can be easily uninstalled and all material can be used somewhere else .

EPS panels are very easy to clean and can be wiped occasionally to remove the dust. So requires minimum effort for maintenance in EPS Panel.

Insulated panels are used for sound proofing purpose like in generator room and heat reducing purpose in prefabricated construction.

EPS panels save the energy up to 40-50 % yearly because of thermal insulation. Design flexibility is a attractive advantage in prefabricated construction and panels are available in different thickness. Expansion of design is easily possible in EPS panels compared to traditional ones.



# PREFAB EPS PANEL



cement&fly ash



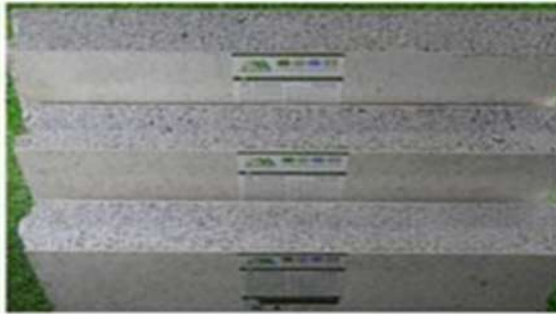
EPS



calicium silicate panel



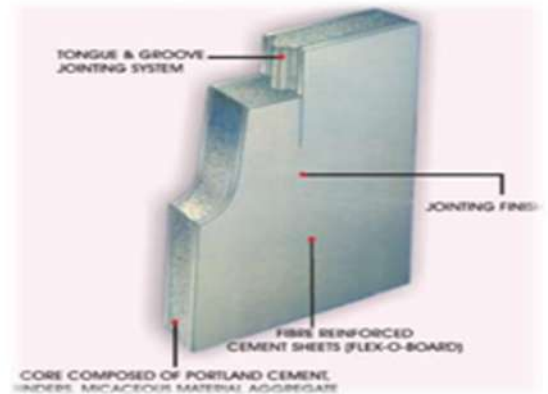
finished EPS cement sandwich panel



# PREFAB AEROCON PANEL

## What are Aerocon Panels & What makes it Unique?

- A sandwich panel of two fiber-reinforced cement sheets enclosing a light weight concrete core composed of Portland cement and Fly-ash
- Fully cured at factory, they are ready for installation right away
- Unique "Tongue and Groove" jointing system facilitates rapid construction with minimum effort



Create Construct Conserve





# PRE-ENGINEERED BUILDING (PEB) STRUCTURE

**PEB ARE THE BUILDINGS WHICH ARE ENGINEERED AT A FACTORY AND ASSEMBLED AT SITE.**

**USAGE : INDUSTRIAL BUILDINGS, METRO STATIONS, WAREHOUSES ETC.**



# LIGHT GAUGE STEEL FRAMED STRUCTURES (LGSF)

Light Gauge Steel Framed Structures (LGSF) is based on factory made galvanized light gauge steel components, designed as per codal requirements, produced by cold forming method and assembled as panels at site forming structural steel framework of a building of varying sizes of wall and floor.

## ADVANTAGES

**Fast** : On site envelope construction 90% faster than concrete

**Durable** : Wind, Earthquake, Pest & Mold Resistant

**Safe** : Fully non combustible, environmentally controlled production

**Strong** : Better strength

**Design - LED** : 80% of design & build process completed in factory

**Precise** : Accurate within a half millimetre, highly regulated

**Versatile** : Able to construct various building types up to 10 storeys

**Labor Friendly** : Reduced need for skilled trades

**Sustainable** : Less than 1% waste, 100% recyclable






# "Imagine Your Space"

with **VCRAFT**



## GET IN TOUCH



 Dhara Sheth : +91 97123 45342

 [info@vcraftdesigns.com](mailto:info@vcraftdesigns.com)

 /vcraft.designs



VISIT US NOW