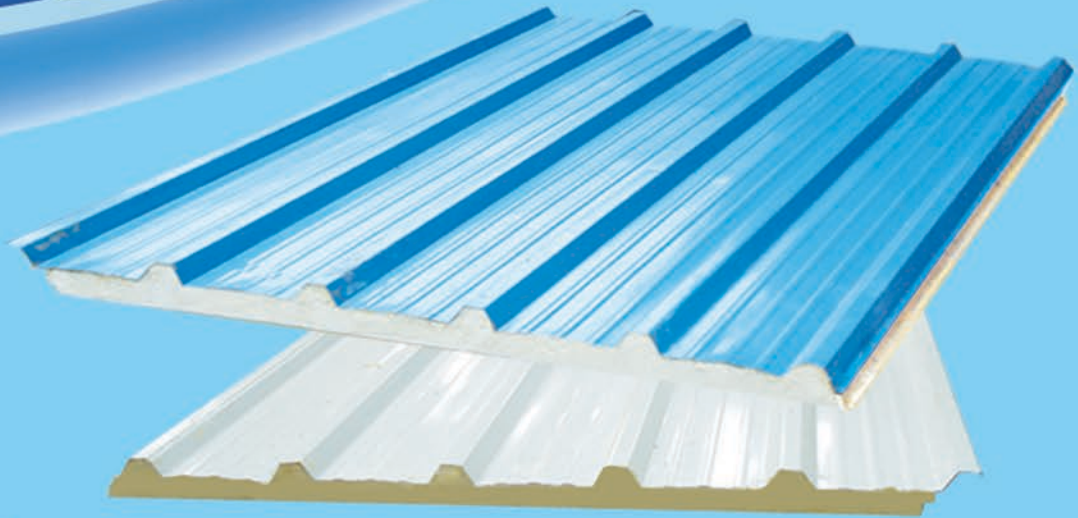
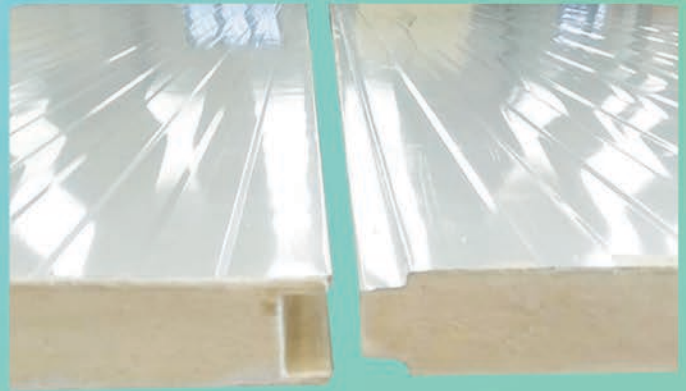


UniFix PUF



- PUF SLAB
- PUF PIPE SECTION
- PUF PIPE SUPPORT
- PUF PANELS
- COLD ROOM
- COLD ROOM DOOR
- CLEAN ROOM
- PRE INSULATED PIPES
- PUF SPRAY
- COLD STORAGE INSULATION
- INSITU APPLICATIONS
- PREFAB SHELTER
- TOILET BLOCK





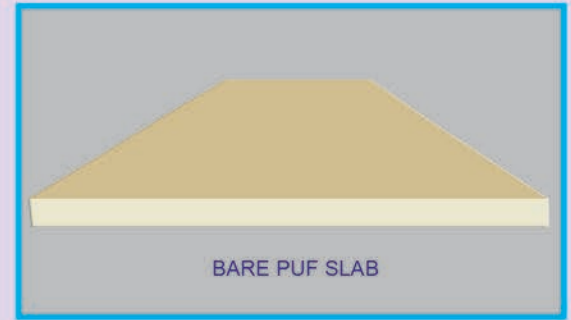
UniFix PUF

Unifix Plast Pvt. Ltd. is specialized in manufacturing Polyurethane Foam (PUF) products . We manufacture PUF sandwich panels for roof and wall, PUF pipe sections, PUF pipe supports, Preinsulated pipes , Prefab shelters for site office labour hutments and other uses, Cold rooms, Colour coated roof sheets and many other items. We also do Insulation of potato cold storages and multipurpose cold storages. We do PUF spray job for roof insulation.We have strong network of fabrication/Erection teams.

Unifix Plast with a team of young dynamic Sales/Marketing persons and Erection teams, has successfully erected and commissioned projects in large, medium and small scale industries in India.

PUF Slabs

Unifix PUF slabs are the most economical thermal insulation material. Rigid Polyurethane Foam slabs are used for floor and under deck insulation. PUF slabs also available with craft paper or aluminum foil lamination. Thickness available from 20 mm to 150 mm or as desired size.



PUF SLAB WITH CRAFT PAPER



PUF SLAB WITH ALUMINIUM FOIL

PUF Pipe Sections

For pipe line insulation. Available in different pipe sizes 15 mm NB to 600 mm NB or desired dia. Thickness is available from 30 mm to 150 mm or desired thickness. Also available with craft paper and aluminium foil. Density $36 \text{ Kg m}^3 \pm 2 \text{ Kg m}^3$



PUF Pipe Support

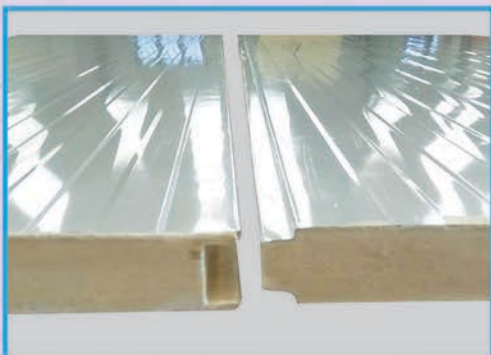
Available in different pipe sizes 15 mm NB to 600 mm NB or desired dia or sizes. Density $160 \text{ Kg m}^3 \pm 10 \text{ Kg m}^3$



PUF Panel

Suitable for Wall, False ceiling, Partitions, cold rooms, cold storages, Prefabricated shelters, clean rooms, vending booths, kiosks, toilet blocks,

Type	Width /mm	Thickness	Profile
Unifix roof panel	1065	30 to 50 mm	Trapezoidal
Unifix panel	1200&1000	30 to 200 mm	Plain Ribbed



Technical Specification :

PUF Panel As per IS : 12436

Sl.No.	Parameter	Obsevation
1.	Density	40 Kg/m ³ ± 2Kg m ³
2.	Compressive Strength @ 10 % deformation	2.19 kg/cm ²
3.	Water Absorption	0.18% volume at 100 % RH
4.	Bending Strength	4.39 kg/cm ²
5.	Close Cell Content of PUF in %	95%
6.	Vapour Permeability	0.11 gsm/hr m ² at 90 % RH & 38° C
7.	Tensile Strength	4.16 kg/cm ²
8.	Temperature Conductivity	0.019 K cal/m -hr /° C
9.	Fire Property Extent to burn (Horizontal)	26 mm - self Extinguishing
10.	Dimensional Stability at	
	a. - 25° C Cold temp. (after 24 hrs)	0.1 %
	b. + 38° C & 90 % RH	0.1 %
	c. + 100° C	0.4 %

Clean Room

We make clean rooms for hospital, OT, laboratory, research units,



DOORS FOR COLD ROOMS

PUF Doors are available in all sizes and thickness, complete with Hinges heavy duty handles, rubber gaskets and Special designed FRP door frame.



Hatch Door



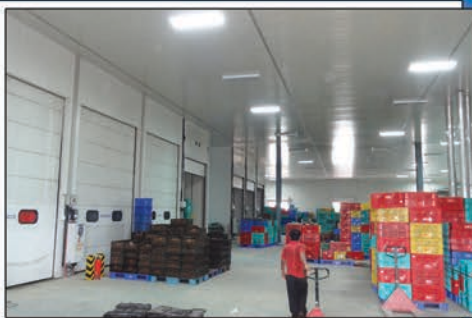
Cold Room

We make cold room of any size from +25 degree – 40 degree C. We make PUF panels 40 mm to 150 mm thickness.



We have supplied cold room to :

- ▶ Dairies
- ▶ Fish, meat & other marine products processing units
- ▶ Fruits and vegetable cold rooms
- ▶ Cold room for Ice cream
- ▶ Food processing units
- ▶ Hatchery
- ▶ Medicine storages
- ▶ Controlled temperature warehouses
- ▶ Biscuits and cake factories
- ▶ Banana ripening chambers
- ▶ Poultry farms
- ▶ Blast freezers
- ▶ Frozen foods
- ▶ Floriculture
- ▶ Mortuary
- ▶ Walk-in Cold Room & many more ...



Cold Storage Insulation

We do Insulation of Potato, vegetable and multipurpose cold storages. PUF panels are used for walls, ceilings. PUF spray on roof top is also done for Roof insulation. Floor can be insulated with bare PUF slab.



Prefab Shelter

- Prefab Shelters can be fabricated according to the specification / requirement.
- Suitable for **site offices, labor hutments, dispensaries, schools, hospitals, police housing, security office officers accommodation, dining halls, kiosks, vending booths, portable toilet and toilet blocks etc.**
- Suitable for temperature ranging from +50°C to - 40°C.



Kaushal Bikas Kendra, Bihar



Shelter at Railway crossing



Lecture Room

4 Rooms Office Quarter



Labour Hutment



Forest Office



Training Hall



Machine Room



Onion Cold Room



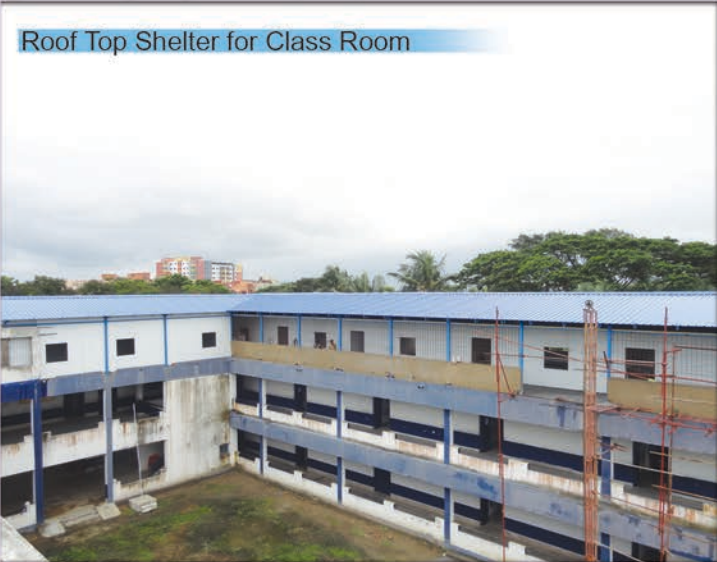
G+ 1 Shelter



G+ 1 Shelter for Army



Roof Top Shelter for Class Room



Roof Top Shelter



School



Police Colony



Forest Rangers Office



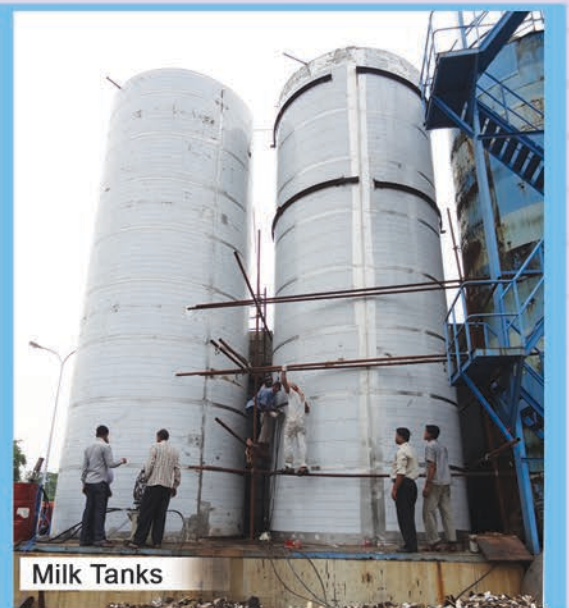
Army Barrack



Insitu Applications

We do "Insitu" (filling of cavity with PUF by high pressure injecting machine) application at sites such as insulation of Pipe Line, tanks, Vessels etc. "Pipe-in-Pipe" insulation can be done as per specification.

We can undertake Insitu Application / assignments for Refrigerated vans and containers for carrying food articles, ice-cream, milk, marine products, processed food. We are also capable of undertaking Insitu Application for vessels, containers, pipe cavities etc.



We are equipped with state-of-the-art machineries and equipments for Insitu Application.



Milk Van



Chilled Water Tank



Refer Van

Roof Spray Insulation

Roof Insulation can be done by PUF spraying on the roof top of the Cold Storage, Hospitals, Commercial Buildings, Residential Buildings, Factory Sheds and Buildings, Hotels, Rooftop Restaurants etc. We are having expertise for insulation of Rooftop with PUF by Spray Technology.



PUF Spray on Roof top of Cold storage



PUF Spray on Asbestos Roof sheet



Pre insulated Pipe

Unifix Preinsulated Pipe system (Pipe in pipe) is a factory made for below and above ground distribution of hot or chilled water / gas / petroleum products and other substances. The system is designed with heavy duty carrier pipe made of Steel / PVC / HDPE, Polyurethane Foam Insulation and a sleeve made of GI/ Aluminum spiral duct or HDPE (High Density Polyethylene) as a jacket.



PPR Pipes with HDPE Cladding and PUF Insulation



PUF Pre Insulated Pipe Aluminium G.I. Spiral Duct Cladding

Toilet Block

We make portable toilets/ bath/shower cubicles and modular toilet blocks



Bath and Toilet



Toilet Block



Modular Toilet

Vending Booth & Kiosk

Water Kiosk



UniFix Plast Pvt.Ltd.

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