



Puf Insulated Sandwich Panels



**Omkar Puf Insulation Pvt. Ltd.**



Prefabricated sandwich panel with polyurethane insulation is the best solution for wall and ceiling partitions and cold rooms. Formed in place with fire retardant polyurethane using high pressure, CFC-free and use of HCFC 141B technology which results in a superior insulation and construction material.

These sandwich panels are design for a fast and easy assembly. OPIPL Sandwich Panel comprises of two steel skin (Pre-painted Galvanized Iron Sheet - PPGI) that are bonded with high pressure injected polyurethane foam with tongue and groove joint system complete with cam-locking mechanism.

Our slim insulated partitions enable you to divide your interior space into cool and normal temperature zones. With a desired thickness of insulating Polyurethane foam inside, our partitions can be used in any office and provide a visually appealing interior look and reduce your energy consumption at the same time.

#### CAM LOCK SYSTEM

A cam lock is a device that is embedded at precise locations alongside the edges of our insulated panel. The cam lock fasteners come in pairs; a male cam lock latch and a female cam lock receptacle.

Insulated panels are joined together in required lengths to assemble partition walls, ceilings and floor. It is well organized Tongue & Groove system which utilizes the Cam locks to achieve superior tightness and insulation. Panels slip into place allowing for easy and rapid installation, whilst improving structural strength and thermal efficiency and also offering a clean, smooth aesthetic look.

#### ADVANTAGES OF PUF INSULATED SANDWICH PANELS:

- ▶ Thin walls, Fast installation
- ▶ Long life and durable
- ▶ Partitions or Rooms can be dismantled and reinstalled.
- ▶ Resistant to most oils, chemicals and solvents
- ▶ Outstanding load bearing capacity, High impact resistance.
- ▶ Fire resistant.
- ▶ Hygienic, Odorless
- ▶ Minimizes electric consumption.

We provide partition and ceiling panels in any desired surfaces such as:

- ▶ GI Pre coated, SS, Ply, FRP Sheets, Aluminum.

#### PRODUCT DETAILS:

- ▶ Length - Up to 6mtr.
- ▶ Width - Up to 1.2mtr.
- ▶ Thickness- 50mm to 150mm.
- ▶ Density - 40 kg/m3

Tongue and Groove with specially designed CAM LOCKS provided.

Note- 25mm to 40mm thickness available up to certain length without CAM-LOCKS.



### COMPLETED SITE JOBS

#### PARTITIONS & CEILING



MAHINDRA SONA LIMITED, NASHIK



PEPSICO, RANJANGAON

#### MACHINERY ENCLOSURES



VCTPL, VISAKHAPATNAM



STERLITE TECHNOLOGIES LTD, SILVASSA



RUCKSON PACKAGING, RABALE



Clean Room Doors offered comes in quality G.I. OR Stainless Steel construction finish and provides for durable, long lasting usage support. These clean room doors also come with drop bottom seal as well as special hinge design so as to avoid accumulation of dust. Some of its features include Aluminum door frame finish, G.I. or S.S. door leaf, superior PUF insulation material support, lock with handle, flush type sealed door options, allows for air tight fully flush connection between wall panel, door frame and door leaf, offers superior chemical and corrosion resistance among others. Rigid PUF insulation of 40 kg/m3 density is injected from high-pressure foaming machines for uniform density throughout the door. The doors are durable, reliable, safe and economical.

#### CLEAN ROOM DOOR SPECIFICATIONS:

##### SINGLE LEAF AND DOUBLE LEAF.

- ▶ STANDARD SIZE FOR SINGLE LEAF DOOR IS 900MM\*2100MM
- ▶ MAXIMUM WIDTH OF SINGLE LEAF DOOR CAN BE MANUFACTURED UPTO 1200MM AS PER CUSTOMER'S REQUIREMENT.
- ▶ DOUBLE LEAF DOORS CAN BE MANUFACTURED IN COMBINATIONS AS PER CUSTOMER'S REQUIREMENT.
- ▶ COLOR COATING CAN BE DONE IN STANDARD SHADES WITH GUARD FILM.



SINGLE LEAF DOOR

#### SEE THROUGH GLASS WINDOWS

All window units for the modular clean room system are double glazed, and fit flush with both surfaces of the wall panel system. Each unit is constructed of two panels of 5+5 mm Tempered glass with Double glazed flush view panels. These two panels sit within a structured framework and air fills the space between the two panels. These easy-clean windows add visibility and transparency to modular clean rooms. We provide single-pane or double-paned see through glass to meet your needs.

It is completely silicone sealed, and includes a micro-perforation profile with an integral silica gel moisture absorption system, designed to eliminate fogging. Right angled corners add to the strength of the clean room window unit and enhance their appearance.

OVERALL DOUBLE SIDED GLASS THICKNESS CAN BE AVAILABLE IN 50MM, 60MM, 80MM, 100MM.

Single-paned toughened glass of thickness 5MM onwards also can be provided as per customer's requirement.

#### TECHNICAL SPECIFICATIONS:

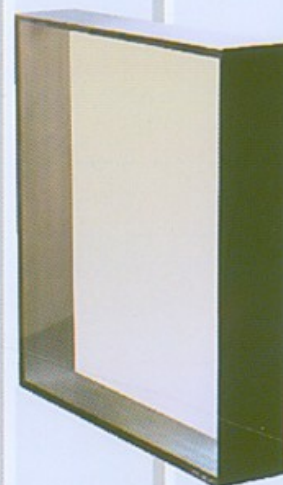
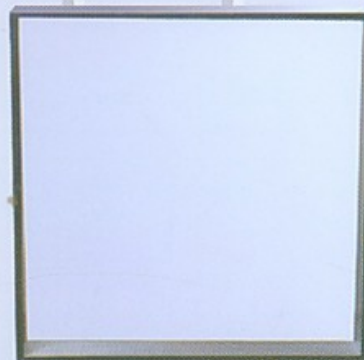
- 1- DOOR LEAF THICKNESS - 41MM
- 2- GI DOOR LEAF METAL THICKNESS - 0.8MM
- 3- EXTERNAL FRAME METAL THICKNESS- 1.5MM
- 4- OVERALL FRAME THICKNESS - 63MM
- 5- INFILL - RIGID PU FOAM 40KG/M3
- 6- STANDARD DOOR ACCESSORIES :  
SS HANDLE, VIEW GLASS, SS HINGES, DOOR CLOSER, DOOR LATCH, DOOR SEAL (IF REQUIRED).

#### SALIENT FEATURES OF OUR CLEAN ROOM DOORS:

- ▶ Non-porous surface
- ▶ Good stability towards water-vapor
- ▶ High scratch and impact resistance
- ▶ High chemical resistance
- ▶ Antistatic
- ▶ Maintenance free
- ▶ Maintains leak proof atmosphere



DOUBLE LEAF DOOR





OMKAR PUF INSULATION PVT. LTD. is one of the most eminent manufacturers and suppliers of RIGID POLYURETHANE FOAM for VARIOUS INSULATION REQUIREMENTS. We have developed a set of high performing products and achieved incomparable market presence, specifically for matchless quality. The incorporation of high-end technologies and procedures ensure prolonged subsistence and durability of every product.

We manufacture custom designed RIGID POLYURETHANE FOAM INSULATION MATERIAL that perfectly matches the demands of our clients. Our equipment feature modern designs, premier quality and innovative technology, and are highly in demand in the market.

We have a well structured logistics, along with our expertise that helps us deliver the most appreciated products in the market. With our quality standards, we have created a benchmark in the industry.

Our trustworthiness and professionalism have made us stalwarts in the industry, which has helped us win a huge client base with each passing year. We manufacture the topmost quality of products through our highly organized manufacturing facility. Our experienced and well qualified personnel have enabled us succeed in the market with their expertise and assistance. Backed by our efficient personnel, we have been able to carve a niche for ourselves in this highly competitive market segment.



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We believe in



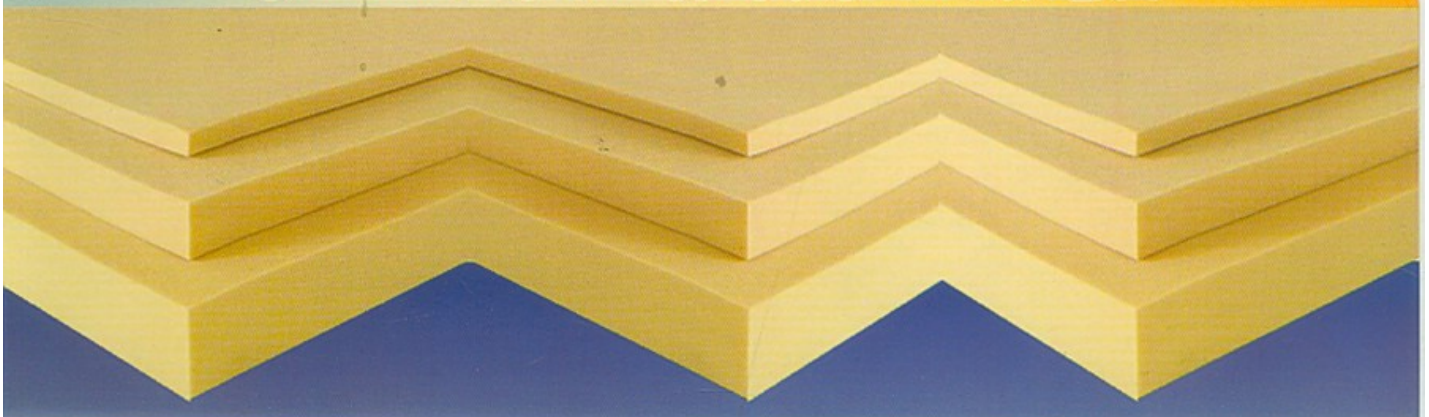
and deliver the same

WE PROVIDE TECHNICAL SOLUTIONS  
WITH BETTER AESTHETICS  
FOR SCORCHING HEAT.....

— PUF INSULATED ROOFING PANELS —



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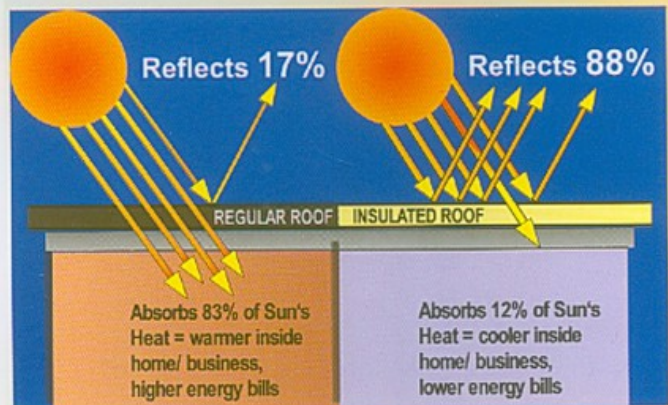


## PUF INSULATED ROOFING PANELS

Ideal way to insulate any home or industrial premises and give higher thermal resistance is to have it insulated through particular roof insulation material. It can give you multiple benefits including applying it over the roof as well as under roof insulation. The process of applying insulation material is comparatively easy as most of the housing roof as well as industrial ceilings have some access for caring insulation work.

Apart from temperature or thermal insulation and upholding your premises or industry in better climate condition in higher temperature, low cost is another advantage why the popularity of roof insulation is increasing. One can apply as much as insulation to make it thicker and more thermal barrier as there are very little difference on the overall cost.

Apart from temperature conversation and heat resistance, roof insulation material also gives helping hand to your pocket. It also saves money because every bit of loss in temperature can result into to higher energy consumption and higher expense.



Internal View After Fixing PUF Insulated Panels

### UNIQUE FEATURES

- Specially designed CROWN OVERLAPPING of the panel for 100% leak proof construction.
- Highest strength as compared to simple roofing that will increase purling spacing and bring down the cost of frame for installation. Light weight and extremely easy to install.
- Aesthetically beautiful.
- Long life.
- Sound insulation because of sandwich PU foam insulation.
- Maintenance free



## PRODUCT SPECIFICATION

Insulated roofing panels are made with high quality colour coated sheets of superior quality that is corrosion resistant.

- ▶ UPPER SKIN: 0.5MM CORROUGATED ROOFING SHEET.
- ▶ LOWER SKIN: 0.5MM PPGI SHEET WITH GUARD FILM.
- ▶ SANDWICH PUR/PIR FOAM DENSITY: 40KG/M3
- ▶ WIDTH: 1000MM
- ▶ LENGTH: AS PER REQUIREMENT.
- ▶ PANEL THICKNESS: 30MM ONWARDS.
- ▶ UPPER SKIN COLOURS: BRICK RED, BLUE, WHITE, GREEN, IVORY

### APPLICATIONS OF ROOFING PANELS

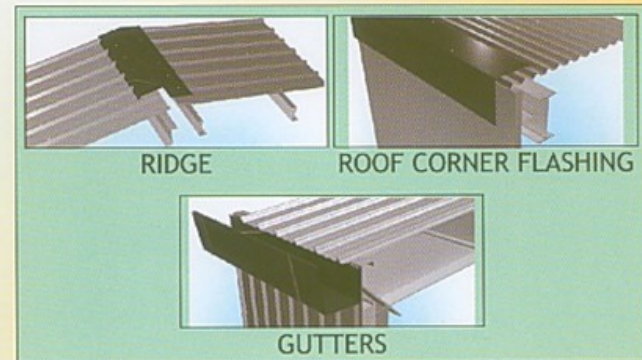
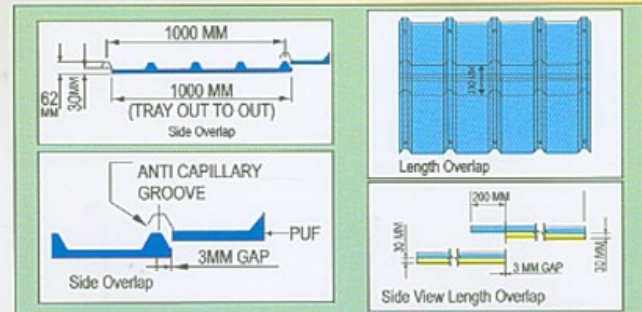
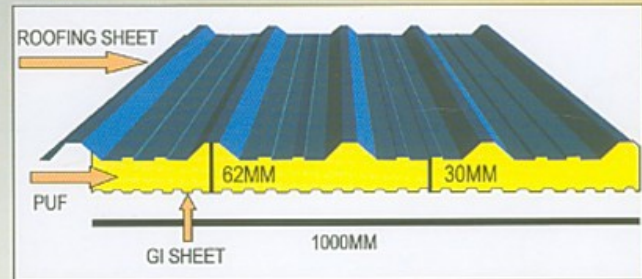
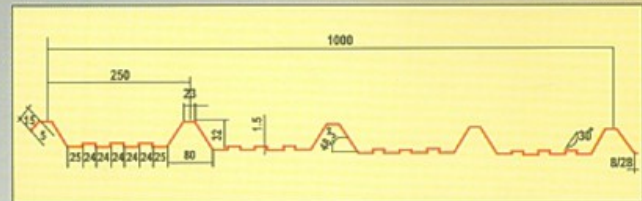
Roofing panels are versatile and can be used for covering roofs at HOMES, FARM HOUSES, INDUSTRIAL SHEDS, FACTORIES, WAREHOUSES, POULTRY SHEDS, TERECES, etc. It is very easy to install these roofing panels or replace existing metal or asbestos roofing with PUF INSULATED ROOFING PANELS.

### ACCESSORIES

All types of accessories required for proper installation such as: EXTERNAL RIDGE, INTERNAL RIDGE, ROOF END CAP, ROOF SIDE CAP, GUTTERS, ETC. are available as optional items.

### ONGOING & COMPLETED PROJECTS:

- 1- APMC Vashi: F-59 African Trading Co. E-25,26 AINO
- 2- Residential: Nerul, Kharghar, Panvel, Pune, Palghar, Juhu.
- 3- Factories & Ware house: W-447 Tanswa Technologies, W-191(PAP) Krupasindhu
- 4- Bungalows & Farmhouse: Karjat, Neral etc.
- 5- Hotels & Resorts: The Machan-Lonavala, Residency Hotel, Regent Hotel etc.
- 6- Schools & Institutes: Shree Vivekanand India High School- Digha, I.I.T.- Powai.



## FINISHED APPEARANCE



Site at Prabhat Poultry, Alibaug



Site at Warehouse in Bhiwandi



Residential site at Juhu on 7th floor



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## वल्हव रे नाखवा...

Polyurethane foams are specially formulated to meet the physical property demands of FRP-composite boat builders. These polyurethane foams provide structural strength with moisture resistance, enabling boat designers to replace wood components with a top-quality, non-decaying product. This product is fully compatible with fibre glass-laminating production methods.

This PU Foam is non-abrasive and can be machined with standard high-speed steel (HSS) cutting tools. It can also be cut cleanly with water jets and traditional wood-carving tools.

Our polyurethane foams are produced in a range of densities, allowing designers and engineers to best align physical properties with structural needs.

Our scarce natural energy resources have compelled us to save energy. By using PU Foam, the overall weight of the boat is reduced which helps in increasing the fuel efficiency.

We offer our clients with the high quality Puf sheets which are very useful for their thermal insulation purposes. Due to the good quality of insulation the ice stored in the ice box does not melt for longer duration resulting in the longer durability and the freshness retained by the fish stored in fish holes.

### Advantages:

- Grain-free material.
- Closed-cell polyurethane foam.
- Will not absorb liquid water, and is largely unaffected by solvents and paints.
- Fiber glass laminating resins bond readily to PU Foam.

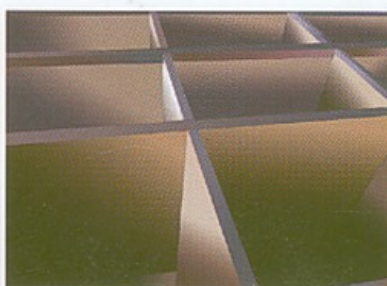
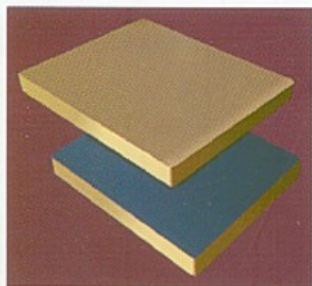
### Product Details:

- Standard Size- 8 Ft X 4 Ft And 1 Mtr X ½ Mtr.
- Thickness - 2", 3", 4", 5"
- Density- 40kg/M3 And Above
- Temperature Range - -40 Deg To +100 Deg

We also manufacture High Density PUF Blocks which can be used as Stringers instead of wooden blocks to reduce the weight of the boat.

### Advantages:

- Reduction in weight increases fuel efficiency.
- Labour work can be reduced as they are easy to machine and handle.

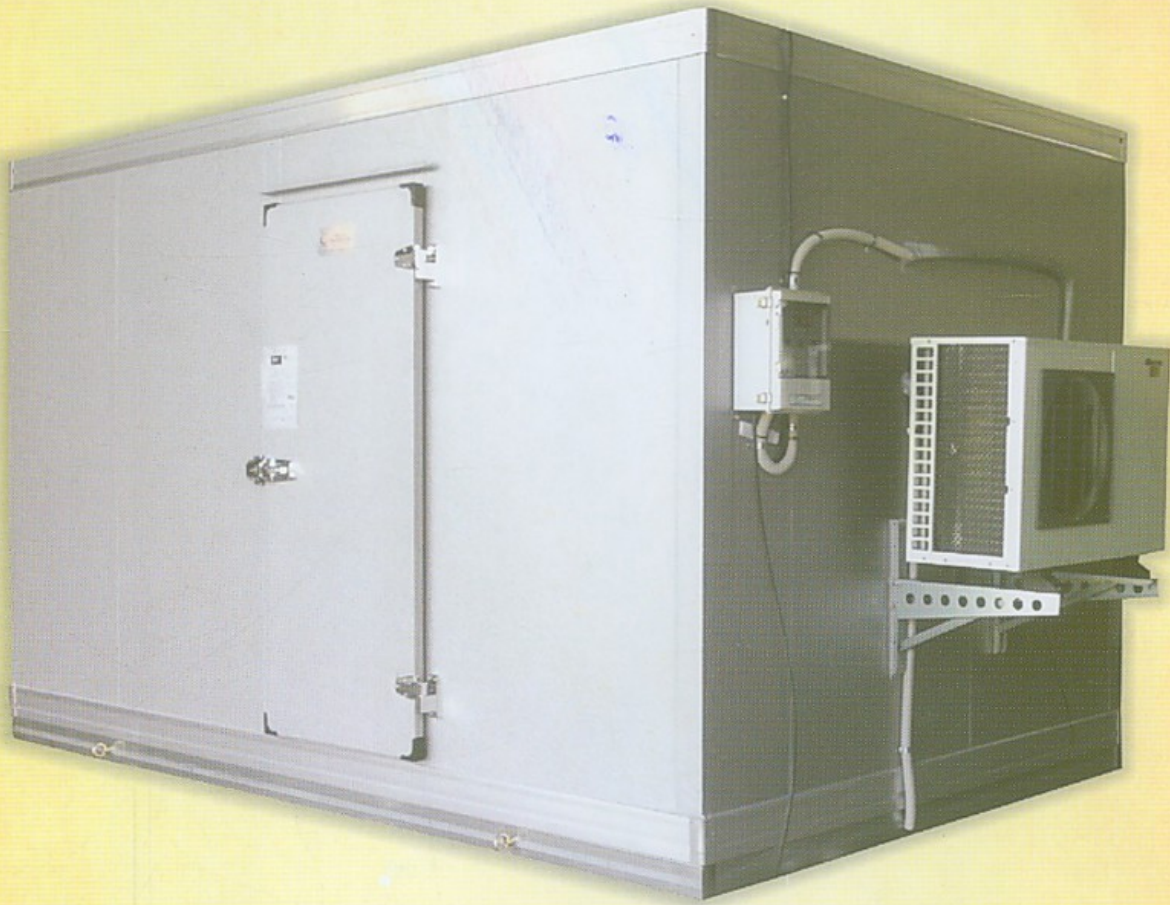


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**SOLUTIONS FOR COLD ROOM INSULATION  
USING POLYURETHANE FOAM**



**Omkar Puf Insulation Pvt. Ltd.**



## PUF INSULATED COLD STORAGE PANELS

Depending on the size and use of cold room, cold room can be broadly classified as **Walk In Cold Room** and **Warehouse Cold Storages**.

**Walk In Cold Rooms** are smaller in size compared to large ware house cold stores. Due to small size of rooms, insulated floors are built strong enough to allow use of hand carts. These rooms are used in super markets, hotels, supply chains etc.

For quick freezing and chilling application, **Blast Freezers and Blast Chillers** are used where temperature of the room drops below **-40 Degree Celsius** from room temperature in span of few hours.

**PUF INSULATED SANDWICH PANELS** are designed for a fast and easy cold room assembly. OPIPL cold room sandwich panel comprises of two steel skin (Pre-painted Galvanized Iron Sheet – PPGI) that are bonded with high pressure injected polyurethane foam with tongue and groove joint system complete with cam-locking mechanism.

### CAM LOCK SYSTEM

A cam lock is a device that is embedded at precise locations alongside the edges of our insulated panel. The cam lock fasteners come in pairs; a male cam lock latch and a female cam lock receptacle.

Insulated panels are joined together in required lengths to assemble partition walls, ceilings and floor. It is well organized Tongue & Groove system which utilizes the Cam locks to achieve superior tightness and insulation. Panels slip into place allowing for easy and rapid installation, whilst improving structural strength and thermal efficiency and also offering a clean, smooth aesthetic look.

These give us the following **advantages in cold room applications**:

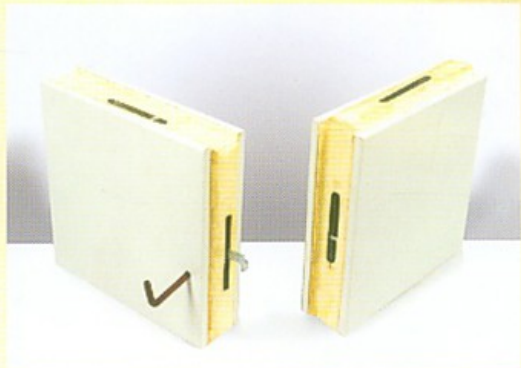
- ▶ Rigidity and good weatherproofing.
- ▶ Better transportability.
- ▶ More cold storage volume for a given space.
- ▶ Ease and speed of cold storage unit installation.

### ADVANTAGES / BENEFITS :

- ▶ Thin walls
- ▶ Optimum insulation without thermal bridges
- ▶ Components can be disassembled and reused
- ▶ Outstanding load bearing capacity
- ▶ Hygienic for food preservation
- ▶ Odorless
- ▶ Long life and durable
- ▶ Resistant to most oils , chemicals and solvents
- ▶ Fire resistant.

### FACINGS :

- |                    |                        |
|--------------------|------------------------|
| ▶ GI pre coated    | ▶ Aluminium foil paper |
| ▶ SS               | ▶ Kraft paper          |
| ▶ Bituminous paper | ▶ FRP sheets.          |
| ▶ Ply              | ▶ Aluminium etc.       |



### PRODUCT DETAILS :

- ▶ Length – up to 6mtr.
- ▶ Width – up to 1.2mtr
- ▶ Thickness- 50mm to 150mm.
- ▶ Tongue and groove with specially designed cam locks provided.
- ▶ Density – 40kg/m<sup>3</sup>

**Note - 25mm to 40mm thickness available up to certain length.**

**Cam locks are available for thickness 50mm and above.**

**Available in PUR and PIR.**

### REQUIREMENTS OF COLD ROOMS

- ▶ Cold room & blast freezers for food
- ▶ Marine
- ▶ Frozen food
- ▶ Floriculture
- ▶ Food processing industry
- ▶ Hotels & restaurants
- ▶ Industries

**For cost effective cold storages we can supply puf insulated sandwich panels we can also provide -**

- ▶ Sandwich panels with one side metal and other side kraft paper.
- ▶ Sandwich panels with both side kraft paper.





## COLD STORAGE FLOORING

Polyurethane foam is used in cold storages to insulate the floor as it outperforms most other insulation materials in supporting the imposed load and maintaining insulation performance.

With very good compressive strength, PUF insulated flooring provides adequate support to the slab by limiting its deflection. PUF slabs can safely be used at continuous operating temperature of minimum -50 degree Celsius without any adverse effect on its properties.

In case of **Walk In Cold Rooms**, sandwich panels comprising of one side **Marine Ply** and other side **GI sheet** that are bonded with high pressure injected polyurethane foam with tongue and groove joint system can be used so that the load is uniformly distributed and insulation material i.e. PUF is protected against any impact.

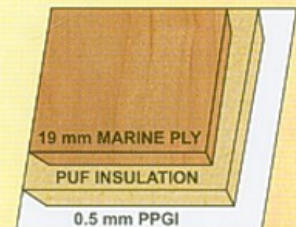
For large refrigerated ware houses, a concrete reinforcement is required over **PUF Slabs** or **Bituminised PUF Sheets** with tongue and groove for additional strength. In case of very low operating temperatures more than one layer of puf slabs can be used to avoid losses.



PLAIN PUF SHEETS



BITUMINISED PUF PANEL  
WITH TONGUE AND GROOVE



PUF PANELS WITH  
MARINE PLY



## PUF INSULATED COLD ROOM DOORS

### HINGED DOOR

OPIPL Hinged doors for both freezer and cool store applications. OPIPL Doors Team offers a top quality cold room and freezer doors at the best price, with a selection of the most competitive products thanks to their efficiency, quality and innovation.

The door construction and fittings are specially designed for the food industry and fulfill the environmental requirements of that industry as well as being able to withstand rough treatment. Rooms with a temperature range between 0°C and -50°C are best locked with an OPIPL cold room door.

The door edges are constructed from resistant heavy gauge aluminium profiles. The door leaf panels are injected with high pressure polyurethane, leaf thickness up to 150mm, stainless steel finishes are available. The heaters prevent the formation of ice and help to constantly save energy. All doors have a smooth metal surface which can be easily and hygienically cleaned.



### SLIDING DOOR

In case of narrow spaces and if pedestrians and vehicles frequently access cold rooms, sliding cold room doors are the ideal solution. OPIPL Team offers a top quality cold room and freezer sliding doors at the best price, with a selection of the most competitive products thanks to their efficiency, quality and innovation. OPIPL System is professional in sliding door design and construction. OPIPL Single Sliding Door is used for personnel and material handling traffic where space restricts the use of swing doors or when installation space is only available on one side of the door opening (**corridors and loading platforms**).

Suitable for interior and exterior applications in coolers, freezers and food processing facilities. Unique range of sliding doors for chillier and freezer applications 0°C to -40°C. The door edges are constructed from resistant heavy gauge aluminium profiles. The door leaf panels are injected with high pressure polyurethane, leaf thickness upto 150mm, stainless steel finishes are available. The perfect insulation and sealing of the doors prevents the formation of ice and helps to constantly save energy. All doors have a smooth metal surface which can be easily and hygienically cleaned.



### FEATURES :

- |                          |   |
|--------------------------|---|
| <b>Application</b>       | : Doors for chill room, freezer, or blast freezing temperature.   |
| <b>Dimensions</b>        | : Standard dimension is 900x2100 mm (clear opening), all other dimensions are available upon customer request |
| <b>Temperature range</b> | : Upto -50C°  |
| <b>Door leaf</b>         | : Single leaf, Aluminium edges. Heated doorframe edges below 0C° using self regulating energy saving wires.   |
| <b>Leaf thickness</b>    | : 90mm, 100mm, 125mm, 150mm.  |
| <b>Insulation</b>        | : PUR-foam filled. <b>Density-40kg/m3</b>   |
| <b>Leaf surface</b>      | : P.P.G.I shade RAL 9002 with removable guard film, Stainless steel, Aluminium.                               |

### DOOR TYPES :

- ▶ For Normal and Medium Temperature 0C° to +15C°  
Doors Type – 90 mm panel thickness
- ▶ For low Temperature -5C° to -25 C°  
Doors Type – 100 mm and 125 mm panel thickness
- ▶ For freezing Temperature -25C° to -40 C°  
Doors Type – 150 mm panel thickness

### ADVANTAGES :

- ▶ Strongest door leaf edging
- ▶ Energy savings at freezer doors using heaters
- ▶ No deformations thanks to extra durability
- ▶ Very competitive price
- ▶ Short lead time



## PUF INSULATED SANDWICH PANELS FOR REFRIGERATED VEHICLES

To meet the market's requirements for efficient temperature control without skimping on quality, OPIPL Insulated Van Panels, fit snugly around the interior of the load space to create a lightweight conversion that can increase payload capabilities without sacrificing temperature performance.

By creating exquisite design we have produced an extremely temperature efficient insulator which has achieved a superior thermally efficient and smooth food-safe lining.

The internal lining has been created by bonding a layer of insulating foam to a layer of high specification plywood or any other required finished surfaces. This gives a strong inner surface, being easy to clean; it is also extremely durable and therefore can still look good for many years.

To withstand the constant loading and unloading process involved in daily distribution operations, we have developed a very strong insulated floor, which is able to reduce the ingress of heat. OPIPL can be relied upon to insulate your van so you can transport your goods in a safe and true temperature-controlled environment.

### PRODUCT DETAILS :

- ▶ Length – Up To 6mtr.
- ▶ Width – Up To 1.2mtr
- ▶ Thickness - 25mm To 150mm.
- ▶ Tongue and groove with specially designed cam locks provided.
- ▶ Density – 40kg/m<sup>3</sup>

### FACING :

- ▶ GI Pre Coated
- ▶ SS
- ▶ Bituminous Paper
- ▶ Aluminium Foil Paper
- ▶ Kraft Paper
- ▶ Ply
- ▶ FRP Sheets.
- ▶ Aluminium Etc.

**NOTE - 25MM TO 40MM THICKNESS  
AVAILABLE UP TO CERTAIN LENGTH.**

**AVAILABLE IN PUR AND PIR.**

### ADVANTAGES / BENEFITS :

- ▶ Thin Walls
- ▶ Optimum Insulation Without Thermal Bridges
- ▶ Components Can Be Disassembled And Reused
- ▶ Outstanding Load Bearing Capacity
- ▶ Hygienic For Food Preservation
- ▶ Odorless
- ▶ Long Life And Durable
- ▶ Resistant To Most Oils, Chemicals And Solvents
- ▶ Fire Resistant.



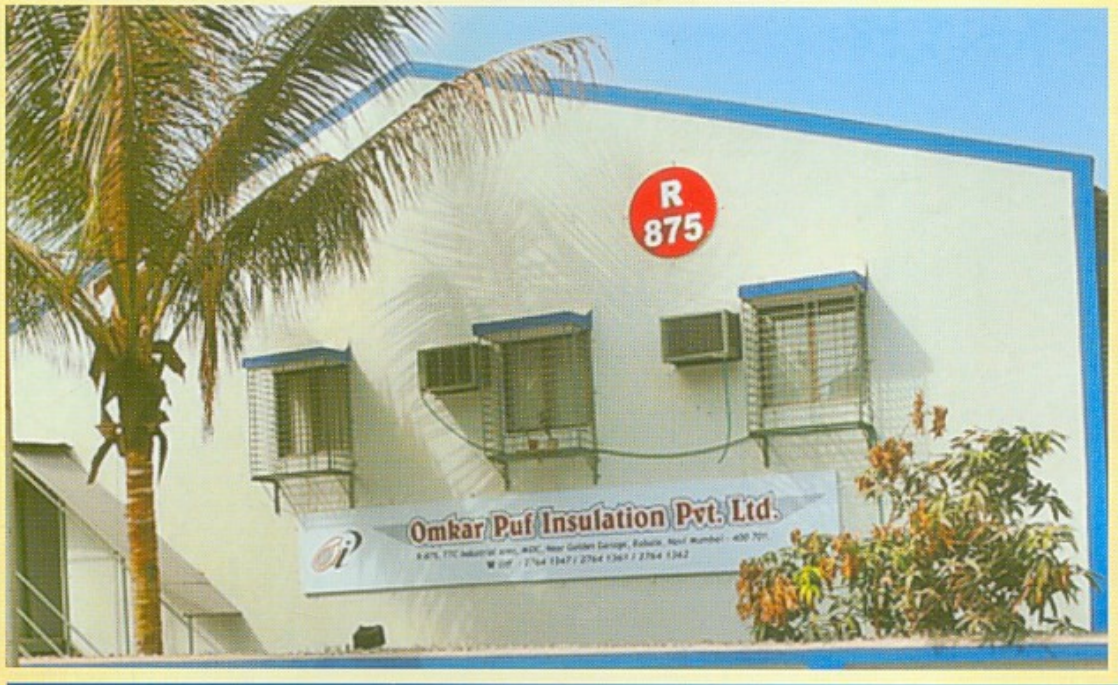


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## PUF PIPE SUPPORT

### PRODUCT DESCRIPTION:

Polyurethane foam is one of the major components of pre-insulated pipe supports manufactured at OPIPL. Polyurethane is different from most plastic materials in that it can be tailored to meet various load requirements of varying applications. Old techniques of wooden pipe support for the erection of plant & pipe lines are now replaced by puf pipe support. OPIPL offers a wide range of puf supports. Normally the density range of puf support is 100 kg/m<sup>3</sup> to 350 kg/m<sup>3</sup>. But OPIPL also offers the density from 100 kg/m<sup>3</sup> to 500 kg/m<sup>3</sup>.

OPIPL offers the puf supports as per requirement of clients in terms of design.

Insulated pipe supports are designed to prevent direct heat transfer between pipes and their supports. Thus, they reduce heat loss due to conduction at each support. They serve the following purposes:

1. Carry the load and allow necessary movement at each support point.
2. Provide insulation in the support area where the regular pipe insulation cannot be installed
3. Minimize the cost of field installation by reducing installation time.

The supports are not welded to the pipe and each unit is shipped completely assembled (except for the riser supports and anchor supports, both of which require some welding).

Polyurethane is stronger in the direction of foam rise. At OPIPL, the directional properties of our polyurethane are reduced by overloading the mould used to form the polyurethane. By overloading the mould, we can control the cell structure and provide uniform physical properties.

### PRODUCT DETAILS -

PIPE SIZE - ¼" onwards

THICKNESS - 25mm onwards

LENGTH - 25mm onwards

DENSITY - 100kg/m<sup>3</sup> to 500kg/m<sup>3</sup>

**NOTE: SHAPES AND SIZES AS PER CUSTOMER REQUIREMENTS CAN BE MANUFACTURED.**

Available in PUR and PIR.



### AVAILABLE SHAPES:

#### SQUARE SUPPORTS



#### ROUND SUPPORTS



## HIGH DENSITY PUF BLOCKS

### PRODUCT DESCRIPTION:

The high-density rigid cellular polyurethane blocks are designed to support structural loads while insulating buildings. Cellular polyurethane is a natural insulator, and formulated in these high-density blocks, it provides the strength to support large compressive loads with little deflection. At the same time, it offers economical, code-required continuous insulation that reduces loads on cooling equipment for lower energy costs.

A wide range of compressive strengths satisfies industrial and cold-storage thermal construction applications.

This series extends the building insulation envelope from the roof to the foundation below ground. Even at the high densities required for support of column-bearing loads and precast/tilt-up wall panels, these blocks will provide thermal insulation value superior to lightweight concrete, treated wood blocks, and other traditional materials. They are commonly used as thermal isolation load-bearing blocks in concrete footings within refrigerated warehouse structures. As insulated structural support for roof equipment, roof perimeter fall protection and chiller tanks, they minimize both thermal transfer and condensation.

These blocks are delivered to contractors ready to use. They arrive at the job site cut-to-size, pre-drilled with anchor-bolt holes, and marked for fast and easy placement. This eliminates waiting for cutting or drilling before moving onto the next construction step, saving precious time.

### ADVANTAGES:

- Short-circuits Energy Transfer To Earth At Foundation
- High Compressive Strength Supports Roof-column Loads
- Creep Resistant - Resists Distortion Under Load Over Time
- Locks Out Moisture - Closed-cell Material Does Not Absorb Water
- Will Not Rot Or Dissolve In Sub Grade Applications
- Does Not Promote Steel Corrosion
- Does Not Attract Or Support Insects Or Vermin
- Does Not Release Chemical Compounds Into Surrounding Soil
- Compatible With Grouts, Adhesives And Concrete
- No Lost Time - Products Arrive At The Site Ready To Use



### PRODUCT DETAILS:

BLOCK THICKNESS - 25mm and above

LENGTH & WIDTH - as per requirement

DENSITY - 100kg/m<sup>3</sup> to 500kg/m<sup>3</sup>

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## PUF PIPE SECTIONS

### PRODUCT DESCRIPTION:

Rigid PU foam cored Pipe sections manufactured and available in standard sizes have excellent thermal insulation properties and make a valuable contribution towards reducing energy consumption in various industries. PU foam cored Insulated pipe sections are manufactured with the help of a dedicated High Pressure equipment using state of art moulds and fixtures to consistently yield:

- A) Environment friendly CFC-free Polyurethane Foam of desired and uniform density
  - B) Close cell content of over 90%
  - C) Excellent dimensional & thermal insulation properties together with compressive strength this added dimension makes it a fit construction material.
- OPIPL offers a wide range of READY TO APPLY Polyurethane foam core Insulated Pipe Section

### FEATURES / ADVANTAGES :

- Superior insulating efficiency leading to energy savings.
- Void free insulation
- Durable
- Water and moisture resistant
- Dimensionally stable
- Resistant to most oils, chemicals, and solvents
- No thermal bridges
- Fire resistant

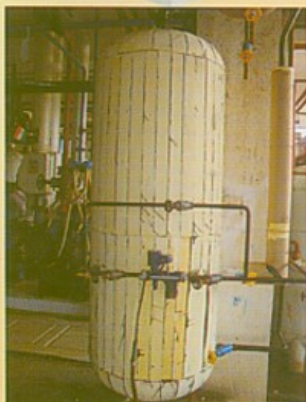
### DETAILS OF PUF PIPE SECTION :

- PIPE SIZE - ¼" to 24"
- THICKNESS - 25mm and above.
- LENGTH - 1000mm
- DENSITY - 36kg/m<sup>3</sup> and above.

For thickness above 100mm we offer pipe sections in double or triple layers as per customer's requirement.

Available in PUR and PIR.

**FOR PIPE SIZE OVER 24" WE RECOMMEND PUF SHEETS FOR PIPE LINE INSULATION.**



## PUF SLABS/SHEETS

### PRODUCT DESCRIPTION :

Foam emerged as a material with extremely effective thermal insulation qualities and high strength to weight ratio at low temperatures. These inherent physical characteristics enable it to perform extremely well with other alternative products Rigid insulation, above 90% closed cells, remains durable for years, no thermal bridges, high mechanical strength, maintains insulation effectively.

Our scarce natural energy resources have compelled us to save energy.

We offer our clients with the high quality puf sheets which are very useful for their thermal insulation purposes.

### FEATURES / ADVANTAGES :

- Superior Insulating Efficiency Leading To Energy Savings.
- Void Free Insulation
- Durable
- Water And Moisture Resistant
- Dimensionally Stable
- Resistant To Most Oils , Chemicals , And Solvents
- No Thermal Bridges
- Fire Resistant

### PRODUCT DETAILS :

- STANDARD SIZE - 1000mm x 500mm.
- THICKNESS - 15mm and above.
- DIMENSIONS AS PER REQUIREMENT OF CUSTOMER CAN BE PROVIDED.
- DENSITY - 36kg/m<sup>3</sup> and above.
- TEMPERATURE RANGE -  
FOR PUR: -120 Deg TO +100 Deg  
FOR PIR: -200 Deg TO +130 Deg

**Available in PUR and PIR.**

### FACING :

- Bare
- Bituminised Paper
- Kraft Paper
- Aluminium Foil Paper

### APPLICATION :

- Under Deck Roof.
- Walls And Flooring Of Cold Stores And Refrigerated Ware Housing.
- Critical Industrial Applications Where Maintaining A Consistent Temperature Is At Most Priority.



OMKAR PUF INSULATION PVT. LTD. is one of the most eminent manufacturers and suppliers of RIGID POLYURETHANE FOAM for VARIOUS INSULATION REQUIREMENTS. We have developed a set of high performing products and achieved incomparable market presence, specifically for matchless quality. The incorporation of high- end technologies and procedures ensure prolonged subsistence and durability of every product.

We manufacture custom designed RIGID POLYURETHANE FOAM INSULATION MATERIAL that perfectly matches the demands of our clients. Our equipment feature modern designs, premier quality and innovative technology, and are highly in demand in the market.

We have a well structured logistics, along with our expertise that helps us deliver the most appreciated products in the market. With our quality standards, we have created a benchmark in the industry.

Our trustworthiness and professionalism have made us stalwarts in the industry, which has helped us win a huge client base with each passing year. We manufacture the topmost quality of products through our highly organized manufacturing facility. Our experienced and well qualified personnel have enabled us succeed in the market with their expertise and assistance. Backed by our efficient personnel, we have been able to carve a niche for ourselves in this highly competitive market segment.



**Omkar Puf Insulation Pvt. Ltd.**

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