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FIBERGLASS  
REINFORCED  
PLASTIC

**DREAMBOAT  
PARTNERS**

We Build Future





# ABOUT US **DREAMBOAT PARTNERS**

We Build Future

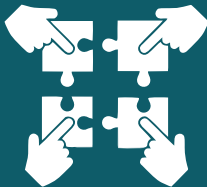
We Dreamboat Partners are leaders in application work related to composite materials. We take turnkey projects on Industrial and architectural applications. We are known for our strong technological capability, scalability and adaptability that are required to meet the constantly changing prerequisites of our clients.

Leveraging our industry expertise, stringent standards and driven workforce, we deliver unmatched services & best quality products. We are provider of innovative, cost-effective, and high-quality products through continued technological innovation and competent strategies.



## Curious

We challenge the status quo for greater impact and innovation We listen and learn from one another's different skill sets and experiences We relentlessly pursue solutions that exceed customer expectations.



## Collaborative

We work together in an open, transparent and respectful way We foster highly connected teams across the global enterprise We partner with our customers and other stakeholders to drive the best outcome.



## Committed

We are accountable to deliver financial and operational results that outperform the market We empower our people to make decisions and act like owners We remain resilient to achieve our goals and best serve our purpose.





## Mission

To deliver greater value, reliability, exceptional quality and economical solutions through consistent innovation. Our customer-centric performance driven performance & growth-oriented quality management techniques extend beyond the range of products to encompass a broader spectrum of services to meet the needs of our clients.



## Vision

To develop architectural and industrial marvels in the world of composite materials through future upcoming technology and innovations.

## We Deal in with

- ◆ GRC
- ◆ FRP Roofing Solutions
- ◆ GFRP Rebars
- ◆ Prefab Structures
- ◆ FRP Pultruded Profiles
- ◆ Glass Fiber Mesh & Fabrics

## Turnkey Solution Provider

- ◆ Design
- ◆ Fabrication
- ◆ Manufacturing
- ◆ Insulations
- ◆ Complete Façade Executions

## Why Us

DREAMBOAT  
PARTNERS

- ◆ 500+ Corporate Clients
- ◆ 5+ Years of Experience
- ◆ Composite Industry
- ◆ Best Quality Products
- ◆ Reliable & Secure Services
- ◆ Eco Friendly Process

## FRP INTRODUCTION

Fiberglass-reinforced plastic (FRP), also known as glass fiber-reinforced polymer (GFRP), is a composite material made from glass fibers and a thermoset polymer matrix.

Vinyl esters and epoxies are the most commonly used thermosetting polymers in Manufacturing GRP applications.

## WHY FRP?



**Aluminum dents and can de-shape**



**Wood rots & attracts insect damage**



**Steel rusts which can cause leakage**

Traditional roofing materials are great, but they are not suitable for harsh or corrosive environments. FRP panels, on the other hand, have the strength of steel at a fraction of the weight, FRP does not corrode, rot, or conduct heat or electricity.

Translucent FRP panels provide natural light that saves electrical energy, blocks 99% of harmful UV rays, and can be used for over 25 years.

### Advantages of CLM-made FRP panels

This continuous automatic manufacturing process ensures uniform thickness and profile, uniform reinforcement of glass fiber content, and very high technical properties as shown below. Our HIS GRP sheets are ideal for industries dealing with corrosion such as the Petroleum industry, pharmaceutical industry, salt industry, hazardous chemical industry, cooling towers, heavy snow and rainfall areas, coastal areas, etc.

#### Technical Properties of Continuous laminated machine panels:



**60MPa**  
Tensile Strength at yield (ISO 572-2)



**2330MPa**  
Flexural modulus (ISO 178)



**Up to 95%**  
Flexural modulus light transmission in translucent panels (ISO 178)



**35-60B**  
Barcol Hardness (ASTM D 2583)

# APPLICATIONS OF FRP

Chemical resistant GRP roof and cladding panels. Our chemical-resistant FRP sheets are manufactured on fully automatic continuous laminating machines using top-quality raw materials according to customer requirements.

## ADVANTAGES OF CHEMICAL RESISTANT FRP PANELS:

- Excellent resistance to moisture, UV light, electrical conductivity, temperature, water pressure, and chemical influences such as oils, acids, and steam.
- GRP is stronger than steel or sheet metal, lightweight, durable, flame retardant, and resists corrosion, leaks, rust, rot, and warping.
- Quick and easy to install and repositionable.



### Cold Chain FRP

We manufacture super flat GRP sheets for cold chain applications that comply with international standards. Thickness, color, and surface finish are all customizable based on customer requirements. They can be used to create insulated wall panels for cold rooms, storage rooms, truck bodies, interior walls, etc.

We are now also introducing complete truck body kits for refrigerated storage. We offer two types of body kits. Dry cargo (refrigerated) & temperature control (refrigerated).



### Cooling Tower Cladding Panels

A cooling tower is a heat removal device that releases waste heat into the atmosphere by cooling a stream of water to a low temperature. Cooling towers use the evaporation of water to remove heat and cool the working fluid.

Due to the high quality and technical characteristics of our FRP panels, they are more resistant to this heat waste than other conventional and unconventional materials available.



### FRP Moulding Products

FRP molding technology provides excellent detail in geometric shapes, from patterns to fine details, complex curves, creative designs, and precision-engineered parts

**We use the following two techniques:**

- Wet hand layup
- Spray layup

Apply and spray with wet hands (with a chopper gun). Molded FRP products are cheaper, faster, easier to manufacture, and maintain equal or better resistance to harsh conditions and material strength compared to cast aluminum or steel products.



## FRP Swimming Pools

Swimming pools add aesthetic and commercial value to any home or project and are perfect for the whole family. But why GRP pools? Compared to traditional concrete pools, FRP pools have many advantages. FRP pools are maintenance free, very easy to clean thanks to their smooth surface, and they look great.

Also, GRP pools only require 1-2 weeks of installation time, whereas regular concrete pools take about a month, but you get a 20+ year warranty on GRP pools, which traditional pools don't. . We have manufactured and supplied pools of various shapes and designs all over India and exported them to various countries.



## Gel-coated FRP Panels

Gelcoat is a topcoat for regular FRP panels with properties such as high percentage UV resistance, high abrasive loading, and excellent pigmentation of all colors on opaque panels.

A clear gel coat can also be used on translucent skylight panels. By adding this top layer of gel coat, the life of this product can be extended to over 20 years.



## Skylight FRP Panels

Translucent or skylight GRP panels are an excellent alternative to polycarbonate panels. These translucent corrugated sheets are available in hundreds of different profiles and colors. These panels are ideal for large or small industrial buildings or warehouses.

The main advantage of these skylight panels is that they provide up to 95% natural light transmission while blocking 99% of harmful UV rays. This results in significant savings on utility bills. This product is part of our turnkey industrial roofing and cladding solutions.



## Industrial Roofing and Cladding Solutions

We manufacture and supply industrial roofing and cladding solutions. These include GRP, PPGI, Aluminum, SS roof and cladding panels with various profile and color options, a complete industrial GRP gutter system with various shape options based on roofing design, and a GRP baseplate roof vent included to match any roof profile and bring natural light into the interior inside the building.

By using a combination of products, we use lightweight products to reduce construction costs, and corrosion/wear-resistant materials to reduce replacement and maintenance costs, ultimately resulting in higher Reduced energy costs by focusing on insulating and transparent products. consumption.

# SECTORS



REAL ESTATE



INFRASTRUCTURE



RESIDENCE & COMMERCIAL COMPLEX



TEMPLES



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COLLEGE



RAILWAY STATIONS



HOSPITAL



SCHOOL



PHARMACEUTICAL



MARINE



RESORTS



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GOVERNMENT ORGANIZATIONS



COMMERCIAL COMPLEX



ELECTRICAL



AUTOMOBILE



HVAC DUCT



CONSTRUCTION



FILTRATION

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