

NEW  
**FALCONS**  
GLASS FIBER

COMPANY  
PROFILE



# ABOUT US

"FALCONS GLASS FIBER" is a manufacturing company which provide fabrication and manufacturing of fiber glass products which is registered in the Qatar chamber of commerce.

We cater to our customers for a total turnkey support for supply, install/ apply and service of post completion. Being in the field of attending to customized products & projects: we also walk on tracks that were never visualized before. We have proven track record of completing projects ahead of schedule with maintaining high standard of quality and safety.

We are one of the Company in Qatar to have started the fabrication and manufacturing of Fiberglass reinforced plastic products. Although Falcons glass fiber is new with regard to its establishment date, is a company in Qatar establishing itself as professional reliable company through the systems and procedure which are based on the Iso 9001 standards. We continuously aim in providing our clients with high quality services, performance, transparency timely completion of projects and best solutions that are practical, economical and most effective.

Falcons glass fiber has carefully selected professional employees for their specialist knowledge and expertise in order to meet the fiberglass needs of and to provide the most cost effective service to our clients. Thus, we are committed towards meeting the satisfaction of our customers and we serve with integrity. Innovation and development are ongoing processes at our work. Our team consists of trained and experienced professionals for design. Fabrication and erection / installation: therefore scheduling to achieve customer satisfaction all the time for our products.

# VISION & MISSION

## VISION

At Falcons Glass fiber, our vision is to be the best company in the world -in the eyes of our customers, shareholders, communities and people. We expect and demand the best we have to offer by always keeping Falcons fiber's values top of mind.

## MISSION

Falcons Glass Fiber Company will provide the Highest quality end products to our customers, while striving to make them the leaders in their respective industries. To guarantee our continued success we will achieve a reasonable profit, continue to be the leader in our industry through individual and combined dedication, innovation, and integrity. We will give our employees the opportunity for both personal and professional growth.

## OUR GENERAL PRODUCTS

GRP Storage Tanks

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GRP Sectional Panel Tanks

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GRP Manhole Liners & Accessories

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GRP SEWAGE & DRAINAGE ACCESSORIES

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GRP LINING SERVICES

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GRP ENCLOSURES TOWER BOX AND CABINETS

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GRP Portable Toilets

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GRP Pipes, Fittings & GRP Pipes Lamination

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GRP DUCTING SYSTEMS

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GRP CLADDING PANELS,

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CORRUGATED ROOFING SHEETS AND ROOF CURBS

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GRP GARDEN PRODUCTS

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GRP SWIMMING POOLS & ACCESSORIES

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GRP CARAVAN

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MISCELLANEOUS FRP PRODUCTS

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DECORATIVE PRODUCTS

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**Also, our factory can manufacture and install any custom made products as per customer specifications.**

# GRP STORAGE TANKS



Cylindrical tanks can be horizontally or vertically oriented based on the application. These tanks are either produced using a pipe as the main body shell with base and end caps, or using the hand-lay-up method (for horizontal tanks) with 2 pieces (top & bottom ) casted separately and bolted together. flanges, fittings, brackets, separators and other accessories are incorporated into the tanks at any location specified by the customer for the required application. Platforms can also be fitted for tall vertical tanks both internally and externally as per the functionality required. Custom colours can also be specified by the customer, if required.

# CUSTOM GRP TANKS

When the customer has a need for a tank in a nonstandard shape for a specialized application, the tank can be custom built.



Some examples of custom shaped tanks include

- Cylindrical Hopper Tanks
- Rectangular/square Hopper Tanks
- V-Shaped Settling Tanks & Rectangular/ Square settling Tanks



## GRP SECTIONAL/ PANEL TANKS

Panel tanks are usually square or rectangle shaped but, in some special circumstances, can also be L-shaped or U-shaped. These tanks are composed of several hot-pressed FRP panels that are bolted together to form the walls of the tank. As such, there is great flexibility in terms of the size of the tank that can be built.

This option is selected when the size of the tank is too large to be manufactured as a cylindrical/ conventional tank or to be transported safely/easily from factory to the destination. Panel tanks are also preferred (regardless of the size) when the delivery time is tight. Since the panels are pre-manufactured and stocked, only assembly is required so the delivery time is relative fast.

# GRP MANHOLE LINERS, BENCHING & ACCESSORIES

Industries such as Construction, Petro Chemical, Telecom Electrical and Water required specialised cabinets and enclosures for a number of requirements

- Manhole Benching
- Ladders
- Safety Cages and Handrails





# GRP SEWAGE & DRAINAGE ACCESSORIES

Many standard, as well as custom accessories are produced for sewerage and drainage systems to meet customer requirements. Few examples are given below.

- Gully Pots
- Sealing Plates



# GRP LINING SERVICES

GRP Lining is a significant application in the fiberglass industry. It has diverse applications including corrosion resistance, structural strengthening and water-proofing.

GRP Lining can be found in most if not all the water storage tanks, tanks chemical storage tanks, tank roof lining, manholes, sewerage sump pit, cooling towers, chemical plants, firefighting networks and water transmission pipelines etc.

Special grade resins are used to attain various properties which allow the GRP lining to withstand resistance to fungi & algae, strong acids, chemicals and high temperature. It is an effective alternative to component replacement. GRP lining will completely and seamlessly seal the cracks, leaks, corrosion and flaking materials. It offers a new life to damage/eroded walls providing a long term secure environment at a fraction of the cost of total rebuild



# GRP ENCLOSURES TOWER BOX AND CABINETS



Due to the industrial locations these cabinets and enclosures need to be:

- Low maintenance
- Low cost
- Extremely durable

This is why GRP makes the perfect solution. GRP is a lightweight, extremely strong, and robust material. It is less stiff and far less brittle than carbon fiber. Plus, GRP's bulk strength and weight properties are also very favourable when compared to traditional metal alternatives.



# GRP TOILETS

Portable toilets is one of the traditional/conventional products which is widely used in Construction and oil field industry due to its light weight structure and low pricing and ready availability with water and waste tanks. These come with tanks (and without) and have a dimension of 1.25 x 1.25 x 2.90 meters.



The water tank of this portable toilet has a total capacity of 300 liters meaning that you will not experience any problem concerning water, while the waste holding tank has 500 liters capacity and could be increased a few hundreds more on requirements. It also has several special features to make yourself comfortable when you are using the portable toilet such as wash basin, soap dish, extra water tap, Shattaf, tube light, exhaust fan, waterproof Switch, GRP step, air vent etc and an outlet which also allows you to connect with external water supplies and waste outlets.

This is one of the preliminary or old types which used regular flushing system which is not very economical when it comes to a remote site as it could use more water to refill and same with the waste tank being emptied. But the advantage is if provided with a Electricity, water and waste connection externally, it would be an instant solution for all sites.

# GRP PIPE, FITTINGS & PIPE LAMINATION

The pipes are manufactured using a continuous filament winding process. They are corrosion-free and have a prove resistance to acidic environments in water and sewage systems. They are lightweight, easy to handle and manufactured high quality standards. Fberglass pipes and fitting are used in many applications. They can be found in the transmission of drinking water, in fire-fighting, sea and desalinated water, in power plants, in chemical and industrial wastes as well as in sewage applications and irrigation.

The use of GRP pipe system is virtually unlimited. You find the products in siphon lines just as much as in sea- water outfalls, bridge dewatering, and desalination projects and as protection lines for cables. The facilities supply pipes and fittings in various designs, length and diameters, also specially customized to suit your application. GRP Pipes are flexible, corrosion resistant and can be used for a wide range of application, such as cooling water, industrial waste water and effluents, fire water lines, seawater lines, acid cleaning and chlorination lines.

The lamination connection is the classic way of joining GRP parts together .Here the surface is also roughened and the resin impregnated glass mats and fiber clot are applied according to the specifications. After the desired wall thickness has been achieved, the lamination is allowed to dry, cure and the connection can be immediately charged.



# GRP DUCTING SYSTEMS



Fiberglass (or FRP) duct is thin walled pipe generally used for corrosive fume exhaust from process areas or equipment, but also used for fresh air supply or light-weight conveying of liquids or solids.

Fiberglass duct can be used above or belowground, with proper attention to mechanical design requirements.

Fiberglass FRP Duct is available in a wide variety of corrosion resistant materials, shapes and thickness. All thermoset resins and most reinforcements can be used to fabricate duct although flame retardant corrosion grade polyesters and vinyl esters using E-glass reinforcement predominate.



# GRP CLADDING PANELS, CORRUGATED ROOFING SHEETS AND ROOF CURBS



This glass reinforced plastic (GRP) backed system is an innovative weather resistant way to clad, infill or build a wall with real brick slips, and can be supplied in virtually any brick type to replicate traditionally laid brickwork. The system is ideal for either exterior or interior applications and has been successfully used on a wide range of projects in the residential, retail, education and commercial sectors.

GRP composite sandwich panels offer an attractive yet functional cladding/ infill solution for a wide variety of applications.

GRP composite sandwich panels offer a variety of textured finishes with a wide range of core materials that can dictate a number of variables such as the value or the electromagnetic resistance of the panel. Our composite sandwich panels are used in modular buildings, metro stations, telecom installations, Curtain walling and blast panels.

# GRP GARDEN PRODUCTS



We manufacture all our planters using fiberglass (also called fiberglass and glass fiber) for its lightness and to withstand the test of time even for outdoor use. Whether you are looking for an indoor or outdoor planter a charming window box, decorative urn, faux lead planter, or a striking water feature - we hope you find what you're looking for in our broad range. If not please contact us and our friendly, knowledgeable staff will be happy to assist you. We create bespoke designs to suit every taste.

# GRP GARDEN PRODUCTS



# GRP SWIMMING POOLS

Traditionally permanent pools are built from reinforced concrete and tiled on site with the expense, complexities and time requirements of this approach. The quality is subject to the level of supervision.

Alternatives such as Fiber Glass pools, provide a quick and easy approach. Our pools are designed to enhance your lifestyle and increase the value of your property. The pools are manufactured in our factory premises, installed with fittings and hand tiled ensuring quality controlled conditions. This enables consistency in quality and also minimizes installation time at site. Each pool is permanent, of exceptional quality and manufactured to the highest standards. We have a wide range of swimming pools for the client to choose from depending on the requirement and lifestyle. Maintenance is inexpensive and needs very little time.



# GRP POOL ACCESSORIES



**GRP GRATING**



**GRP WATER FALLS**



**GRP JACUZZI**



**GRP SLIDER**

# GRP CARAVAN

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A caravan, is towed behind a road vehicle to provide a place to sleep which is more comfortable and protected than a tent. It provides the means for people to have their own home on a journey or a vacation, without relying on motel or hotel, and enables them to stay in places where none is available.

## Advantages of GRP Caravan

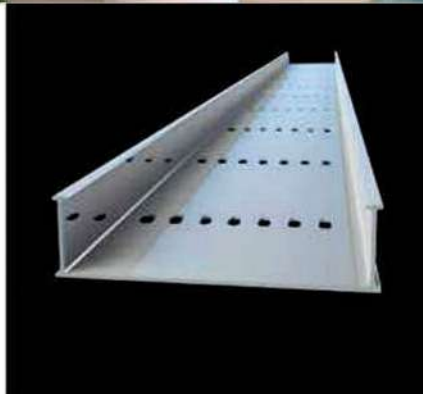
- Highly Resilient to moisture
- More impact resistant than Aluminium
- Easily repairable, ensuring long lasting good looks
- Water proof and water resistant



# MISCELLANEOUS GRP PRODUCTS

Falcons Glass Fiber manufactures many different products as per customer requirements. Some of the product ranges are given below.

- Ladders & Platforms
- Gratings
- Waste collection Bins
- Cable Trays
- A/c Cover Ice Box
- Mudguard



# DECORATIVE PRODUCTS





## BACKDROPS



## SCULPTURE



Made in Qatar

NEW  
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GLASS FIBER



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