



مصنع بدر بن سلمان بن محمد آل هنان للصناعة  
BADAR S. AL SINAN INDUSTRIAL FACTORY  
*A Complete Solution of Fiberglass Technology*



## About Badar Al Sinan Industrial Factory (BASIF)

**BASIF is an established endeavor in the field of composites industry in Kingdom of Saudi Arabia**

- The Factory is well known in the Design, Supply and Installation of superior quality GFRP/GRP (Glass Fiber Reinforced Plastic / Glass Reinforced Plastic ) products which are used for various applications or industries like Construction, Automobile, Chemical, Electrical and Power infrastructure, Water and Waste water treatment etc.
- We possess unparalleled expertise in production and installation of GFRP range of products. Our team can deliver world class quality products and execute challenging projects. Our products are being approved, tested and used across the region.
- In our manufacturing facility in Dammam, KSA – we follow strict quality norms and guarantee a long life and non maintenance products to our esteemed customers.



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**GRP/FRP TANKS**

**FUEL TANKS, SEPTIC TANKS. WATER TANKS, SEWAGE TANKS, CHEMICAL TANKS, SCRUBBERS, DEGASIFIERS, SILOS, ACID STORAGE TANKS, ACID NEUTRALIZATION TANKS etc.**

We have many years of expertise in manufacturing of GRP tanks for various applications. Our strict quality control measures assures of usages of excellent raw materials sourced from reputed sources which produces of long-term usable products





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**GRP SPOOLS / GRP AND GRE PIPES FITTINGS / RTR PIPE INSTALLATION**





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## GRP MANHOLE LINERS / SEWER MANHOLE SEALING PLATES





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**RTR PIPE JOINING & INSTALLATION SERVICES**

We undertake Installation of RTR / GRE Piping systems both above ground and underground requirements.

Our team is adequately equipped and trained with Safety Equipments, Shavers, Arbors of various diameters, band clamps, flap wheels etc.





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**CUSTOM MADE PRODUCTS / SPECIAL PRODUCTS**

Enclosures, Cabinets, Waste/Litter Bins, Portable Toilets, Waffle Moulds, Roofing, Car Sheds, Gratings, Hand Rails, Ladders, Domes, Planter Box, Decorative Cladding, Stone Sheet, Smoking Shelter, Bench, Ash Trays, Sun Shades, Marker Posts, Cellars, etc





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## **GRP HOT PRESSED SECTIONAL (PANEL) WATER TANKS**

Hot pressed panel tanks are the best solution for maintenance free, long term service water tanks. Easy to install, especially in no accessible areas, highly corrosive atmosphere and where the volumes are huge. The concept of panel tanks are approved and accepted globally



### **Product Introduction**

GRP water tank is the abbreviation of fiberglass Reinforced Plastic water tank. It can also be called FRP water tank, SMC water tank, SMC panel tank. The panel is molded by SMC (sheet molding composite material) under high temperature and high pressure. SMC is a glass fiber reinforced plastic, which is a mixture of unsaturated polyester resin and impregnated reinforcing materials, fillers and glass fibers. According to the needs of customers, it can be hydraulically pressed into panels of different sizes and thicknesses. The water tank adopts reinforced support, and its steel parts are hot galvanizing parts or stainless steel parts.

### **Product Features**

- The selection of plate thickness is based on the pressure and position of the plate, including 5mm, 8mm, 10mm, 12mm, 14mm, 16mm, etc.
- The characteristics of light weight and high strength make the weight of FRP plates of the same size and thickness about 30% lighter than that of steel plates.
- It is sectional structure and assembled by panels among 1000x1000mm, 1000x500mm, 500x500mm. The three sizes customized according to the requirement.
- The moulding method increases the strength of earthquake resistance and impact resistance, overcomes the defect of uneven strength of traditional water tanks, and improves the compressive strength and service life.
- No leakage, no deformation, convenient on-site assembly and construction, convenient maintenance and overhaul.

### **Scope of Application**

Storage and Regulating water tank of building water supply, Fire water tank, expansion and condensation water tank of heating system, temporary water storage tanks such as construction, Geological Survey, industry and national defense engineering , hospital, bath center, Agriculture, climate-drought region and other fields.