

# BURJ AL ARAB TECHNICAL SERVICES LLC

- GRP Hot-Pressed Sectional Water Tanks
- GRP Panel Tanks
- GRP Lamination
- GRP Lining
- Steel Skid
- Car Parking Shed



P.O Box:12798,  
Ras Al Khaimah  
U.A.E



Mob: +971 55 454 5390

Mail: burjservices123@gmail.com

# About Us

Burj Al Arab Technical Services LLC was established in Ras al Khaimah, United Arab Emirates in the year 2012. The Company is well known in design, manufacture & installation of GRP tanks, GRP lining, GRP lamination works and manufacturing of Car parking shed. We offer our expertise and personalized technicians for the designing, manufacturing & installation of aforementioned works.

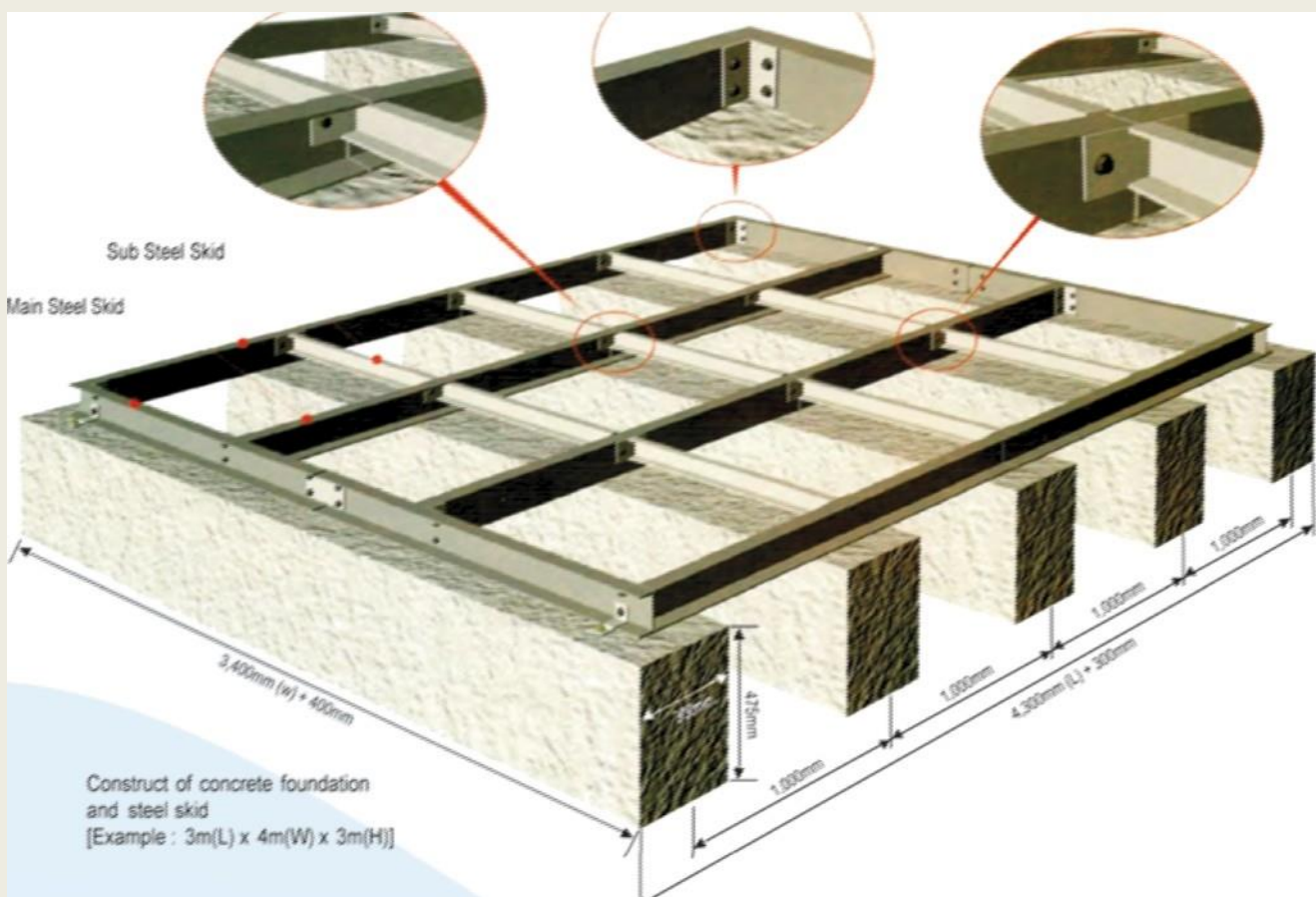
# Our Vision

Our vision is to be the regions preferred Water Tank supplier for commercial and retail customers by serving their needs and to preserve and enhance our reputation for integrity through all our actions. Each individual business deal is extremely important because every single deal influences our reputation to some degree. By keeping our eyes on this vision, we continue to move forward while ensuring that our reputation is intact.



# Advantages of Hot-Pressed Sectional Water Tanks

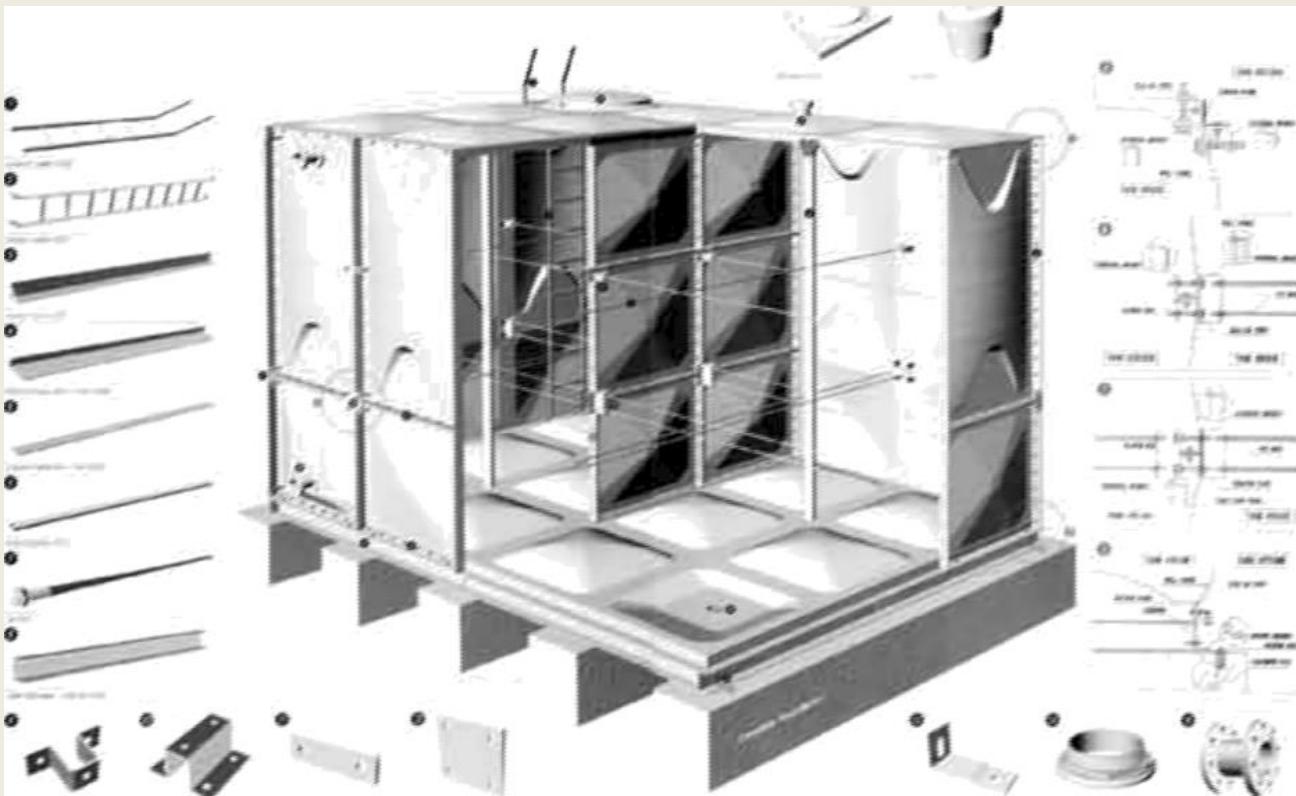
- Less installation cost.
- Low maintenance cost.
- Maintain quality of stored water even for long duration.
- Very easy to handle and transport.
- Easy in installation by plumbers and general technicians with the help of conventional tools.
- Easy to assemble at site in any size.
- 100% safe for drinking water storage and tanks are made from FDA-(Food & Drug Admn) approved grades of materials.
- Easy to increase or decrease the size.
- Ideal for storing water in extreme hot and cold dimates.
- Durability for over 50 years in the harshest climates of the world.



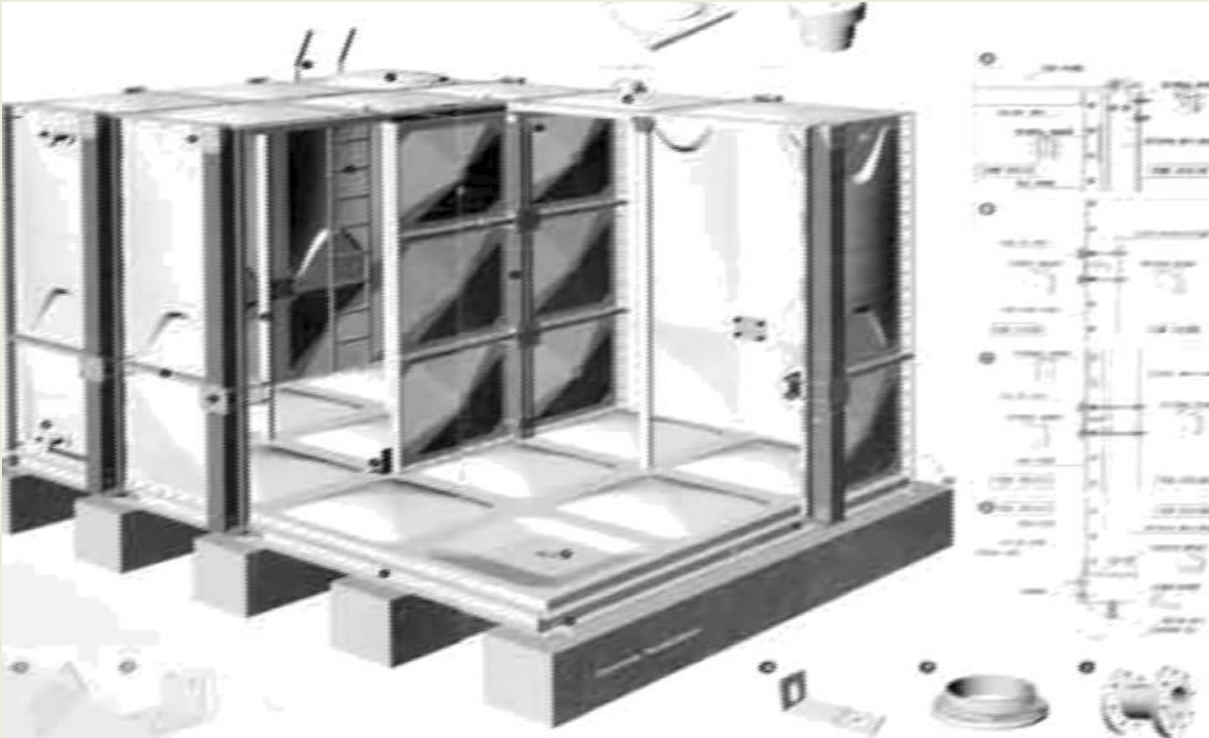
# Applications

- Storage of treated water, and process – water in industry and utility organizations.
- Rural, semi & urban water supply schemes.
- Water storage for firefighting operations.
- Water storage in coastal, hilly, extremely hot & cold and difficult terrains.
- Overhead water storage in multistoried buildings.
- On-site water storage in construction projects.
- Water storage & transportation in the forward areas.
- Water and waste water storage in effluent treatment plants.
- Water storage in chemical, pharmaceutical and corrosive factory areas.

# Internal Reinforcement Structure



## External Reinforcement Structure



## Tank Lining & GRP Lamination

GRP Lining has diverse applications including Corrosion Resistance, Structural Strengthening and Waterproofing. It can be found in most if not all Water Storage Tanks, Sewerage Tanks, Chemical Storage Tanks, Tank Roof Lining, Manholes, Sewerage Sump Pit, Cooling Towers, Chemical Plants, Fire Fighting Networks, Pipeline Networks, 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's 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 damaged/eroded walls providing a long term, secure environment at a fraction of the cost of a total rebuild.

# Method of Normal GRP Lamination on Concrete/Steel Tank Surface

- After the surface preparation and removal of dust, first coat of resin is applied on the concrete surface. Care is taken to see that the resin fills all voids in the concrete surface so as to avoid the formation of air bubbles.
- Prime Coat - Resin is applied on concrete surface. Then first pre-trailed layer of glass fiber (CSM) is placed on the resin applied surface.
- A woolen roller is used for applying the resin on the mat.
- Second layer of glass fiber (CSM) is placed over the first layer with resin applied over it.
- Metallic roller is used to impregnate the lamination and to remove any air entrapment.
- Sufficient time is allowed for successive glass fiber impregnation to avoid peak exothermic heat.
- Successive layer (for ex.: Multi-Layer of matt 450 gsm) is applied on the already impregnated lamination with thickness condition for better bonding between the layers. The procedure is repeated until required thickness is achieved.
- Finally Top Coat (Gel coat Finishing) will be applied on the cured lamination.

## Normal Measures

- GRP 3MM Lamination
- GRP 4MM Lamination
- GRP 5MM Lamination
- GRP 7MM Lamination

Burj Al Arab customer service desk is open from 8:00AM to 6:00PM and the calls will be attended on a 24x7basis.

We encourage inquiries and if our company profile matches your requirements, please do not hesitate to contact with us.

Burj Al Arab Technical Services LLC,  
P.O Box.12798,  
Ras Al Khaimah,  
U.A.E.

Mobile: +971 55 454 5390, +971 52 178 2713, +971 52 172 1376

Email: [burjservices123@gmail.com](mailto:burjservices123@gmail.com)