



علي جمعة النعيمي لتجارة ALI JUMA AL NUAIMI TRADING

Dealers in: GRP Panel Tanks, Fiberglass Water/Septic Tanks, Polyethylene Tanks, Mosaic/Precast Cement Tiles etc.

WRAS APPROVED PRODUCT INNOBIZ SBCR Venture for Tomorrow

www.baegkwang.com

GRP PANEL TYPE WATER TANK (Hot Pressed)



POLYETHYLENE WATER TANK (Roto Mould)



MOSAIC TILES & ROOF TILES (25x25x2cm, 30x30x3cm)



PRECAST CEMENT GRAY/WHITE TILES (30x30x3cm, 40x40x4cm, 50x50x5cm, 60x60x5cm)



Our Group of Companies



Techno Roof Insulation Est.

(Combo Water Proofing System)

Email: info@technoroofuae.com



Sky Roof Gen. Maint. Est.

(Building Maint. & Membrane Water Proofing)

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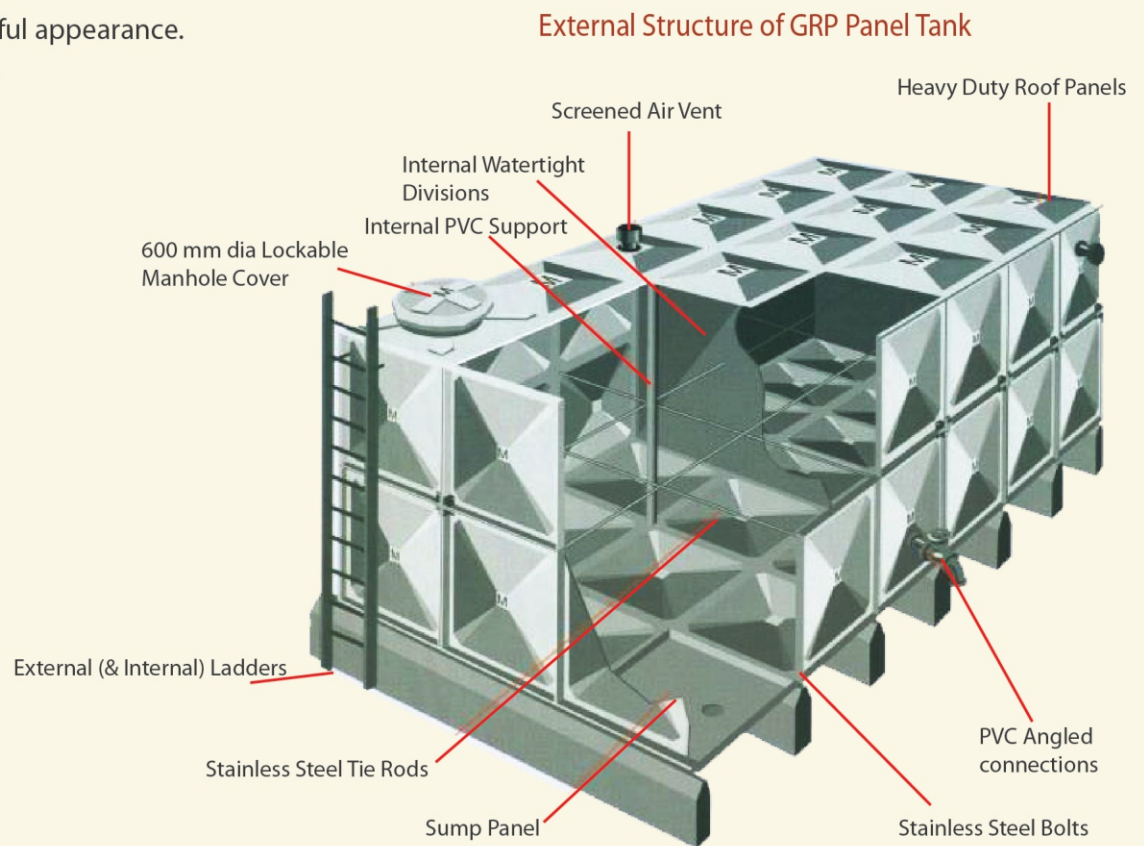
GRP WATER TANK - Product Description

GRP Hot Pressed Panel Tanks (Size Ranging from 260 US Gal - 2640000 US Gal)

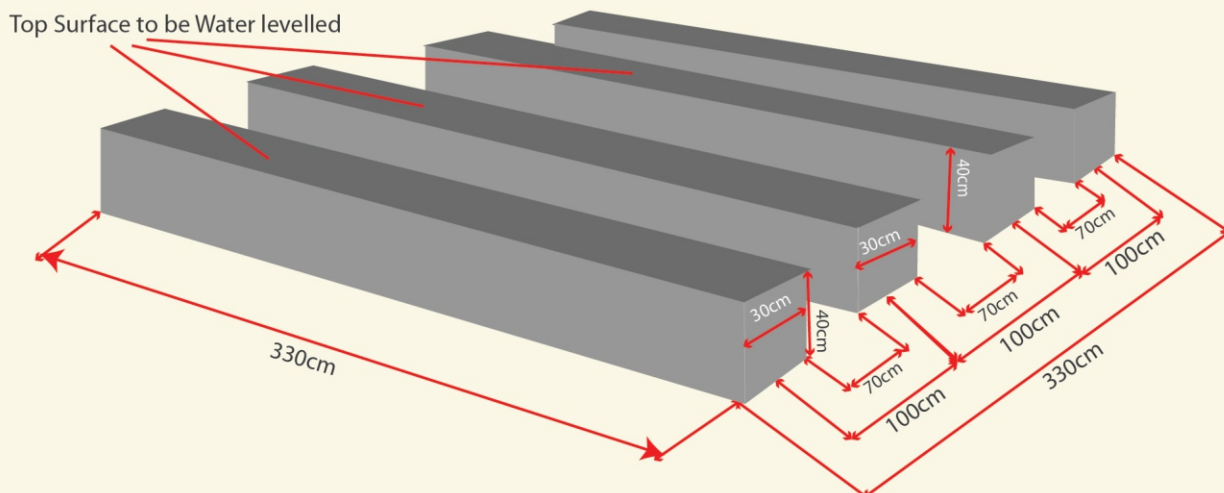
GRP module water tank is a new type water tank after the development of reinforced concrete water tanks, steel plate water tanks & stainless steel water tanks. GRP water tank combined with the GRP molding panel, sealing materials, metal structure and piping system to onsite assemble together.

1. GRP Water Tank Features and structure

- Strong resistance to corrosion.
- Reasonable structure design.
- All welded on-site combination. High strength, good sealing, prevent secondary pollution of water quality.
- Light weight, that is one half of ordinary steel plate water tank.
- Easy to install.
- Clean, bright, beautiful appearance.
- 10 years of warranty



Foundation Drawing for Panel Tank - W3 x L3 x 2m (Height)



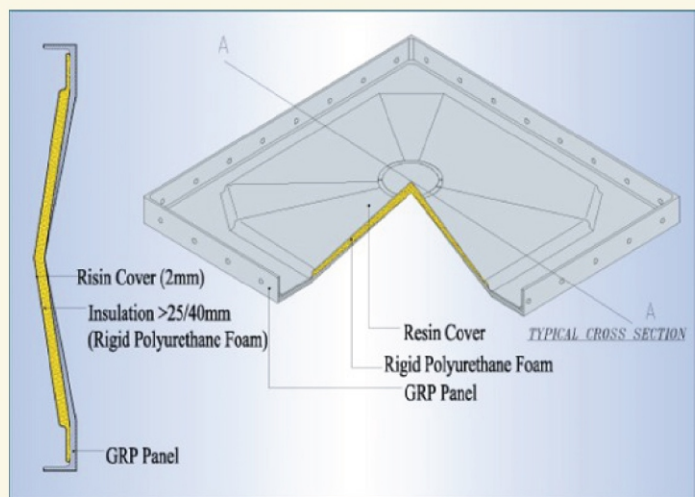
2. GRP Water Tank Panel sizes:

Water Tank: Ranging from 264 USG - 2640000 USG

Panel sizes: 0.5x0.5m, 0.5x1m, 1x1m, 1x2m

Wall board thickness: 5, 8, 10, 12, 14, 16mm etc.

Insulation Thickness: 25mm (Normal), 40mm (Special)



DESIGN PARAMETERS FOR SECTIONAL TANK

Tensile Strength	$\geq 70\text{MPa}$
Flexural Strength	$\geq 100\text{MPa}$
bending modulus	$\geq 7.0\text{GPa}$
Barcol Hardness	$\geq 60\text{MPa}$
Water Absorption	$\leq 1.0\%$
Fiberglass content	$\geq 25\%$
Light transmission	Nil
Outdoor weathering (Natural sunlight)	Stabilized
Toxicity	Nil
Micro biological growth	Nil

3. Accessories and specifications

- **Support for Panels:** The panels shall be supported externally or internally by an adequate support system.
External Reinforcement - Hot Dipped Galvanized Steel Internal Reinforcement - Hot Dipped Galvanized or Stainless Steel 304 rod support and tie-rod.
- **Sealing Materials:** Non toxic Rubber foam to be used for all joint,s it is especially developed with long experience and technology on GRP products. It remains soft and adhesive even at low temperatures.
- **Bolts, nuts and washers for the assembly of panels:** Exposed externally are hot dipped galvanized steel and are in contact with water internally are hot dipped galvanized steel or stainless steel 304.
- **Flange:** The flanges for inlet, outlet, drainage, overflow are hot dipped galvanized steel or stainless steel 304.
- **Ladders:** GRP sectional tank of 1.5m depth or more shall be provided with internal ladder made up of materials same with the supports. The external ladders shall be galvanized mild steel or equivalent.
- **Drainage:** The dome shaped bottom panel with a concave drain panel facilitates complete and fast drainage. The concave drain panel has been designed to ensure the periodic cleaning and inspection of tank.
- **Overflow Screens:** It can be supplied with a screen overflow having a micro mesh filter.
- **Man-hole opening & Inspection Hatches:** The size can be customized; normally it is supplied with a standard size of: 600 x 600mm. the opening can be designs of bolt, seal-tight locking arrangement.
- ABS roof vent with PE insect screen.
- Float level indicator, optional SS304 for internal and external support structure are available on request.

GRP HOT PRESSED SECTIONAL WATER TANK

(Sizes Ranging from 264 USG - 2640000 USG)



4. GRP water tank Installation Details:

All panels can be lifted by hand, with no special equipment required even where access is difficult, and installation can progress quickly and efficiently.

Step 1. Install steel footings on leveled concrete foundations.

Step 2. Align galvanized steel panels to be pre-assembled.

Step 3. Place rubber sealant from ready-to-use roll between panels.

Step 4. Connect panels with bolts and nuts.

Step 5. Position bottom panel sections, and finish up base of tank.

Step 6. Position three sides of the tank.

Step 7. Position and fix roof panels and if required, roof support pipes and plates.

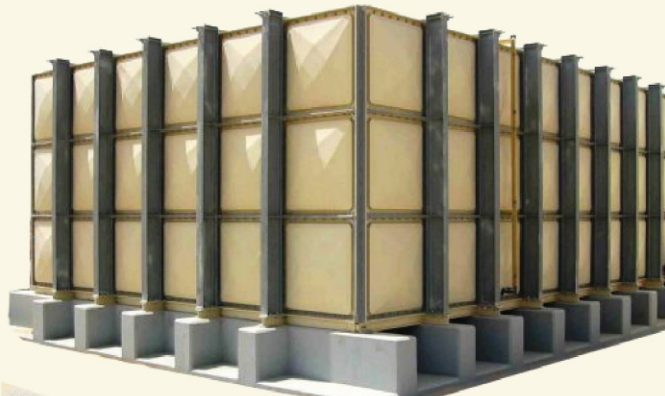
Step 8. Install reinforcement if required.

Step 9. Close up the tank with the fourth side.

Step 10. Finish the internal or external reinforcement.

Step 11. Fill and test.

Panel Tank with External Steel Bracing



Volume	Tank Size	Gross Volume		
		(US Gal)	(IM Gal)	(Liters)
M3	L x W x H			
1	1 x 1 x 1m	264	220	1000
2	2 x 1 x 1m	528	440	2000
4	2 x 1 x 1m	1057	880	4000
8	2 x 2 x 2m	2113	1760	8000
12	3 x 2 x 2m	3170	2640	12000
24	4 x 3 x 2m	6340	5279	24000
40	5 x 4 x 2m	10567	8799	40000
90	6 x 5 x 3m	23775	19797	90000
126	7 x 6 x 3m	33286	27716	126000
168	8 x 7 x 3m	44381	36955	168000
216	9 x 8 x 3m	57061	47513	216000
270	10 x 9 x 3m	71326	59392	270000
330	11 x 10 x 3m	87177	72590	330000
396	12 x 11 x 3m	104612	87108	396000
630	15 x 14 x 3m	166428	138580	630000
1200	20 x 20 x 3m	317006	263963	1200000
1500	25 x 20 x 3m	396258	329954	1500000
3000	30 x 25 x 4m	792516	659907	3000000
5600	40 x 35 x 4m	1479363	1231826	5600000
10000	50 x 50 x 4m	2641720	2199690	10000000

DUBAI POLYMER WATER TANKS



US Gallons	Dia (mm)	Height (mm)	Length (mm)
50	510	600	800
75	600	675	1000
100	700	775	1100
200	900	1000	1250
300	925	1025	1500
400	1000	1100	1600
500	1150	1250	1700
600	1250	1350	1800
800	1350	1450	2000
1000	1500	1575	2150



US Gallons	Dia (mm)	Height (mm)
50	560	800
100	780	995
200	1000	1155
300	1200	1200
400	1350	1280
500	1350	1560
600	1350	1800
700	1650	1500
800	1500	1900
1000	1650	2050
1000	1800	1600
1200	1800	2000
1500	1950	2000
2000	2132	2327
3000	2400	2770
4000	2600	3100
5000	2820	3325

POLYCON WATER TANKS

US Gallons	IMP Gal	DIA (mm)	Height (mm)
100	83	780	1300
200	166	940	1440
250	208	1005	1540
300	250	1010	1640
400	334	1180	1600
500	416	1180	1940
600	498	1300	2000
800	666	1445	2100
1000	833	1555	2400
1250	1040	1900	2250
1500	1250	1960	2665
2000	1666	2035	3135
3000	2500	2245	3555



US Gallons	IMP Gal	DIA (mm)	Height (mm)
100	83	880	915
200	166	1020	1190
300	250	1060	1505
400	334	1300	1340
500	416	1320	1480
600	499	1320	1880
800	666	1500	1940
1000	833	1820	1630
1250	1040	1820	1950
12505P	1040	2150	1500
1500	1250	2000	2085
200	1667	2080	2380
2500	2083	2820	1785
3000	2500	2340	2820
4000	3333	2820	2610
5000	4166	2820	3325
6000	4996	2990	3510
7500	6250	3025	4350
10000	8333	3290	4800

GRP WATER TANKS

Size ranging from:

Water Tank: 100 - 15000 US Gal

Septic Tanks: 500 - 5000 US Gal

Fire Fighting tank: 2000 - 10000 US Gal

Fuel Tanks: 400 - 5000 US Gal

Fiber Glass Tanks



CAR PARKING SHED

Fiber glass



Sizes:

6x6m, 3x6m

Models:

Rainbow, Islamic & Royal

Sizes:

5.5 x 5.5m

3 x 5.5m

Normal Fabric

Water Proof Fabric

PVC Coated Fabric

Fabric

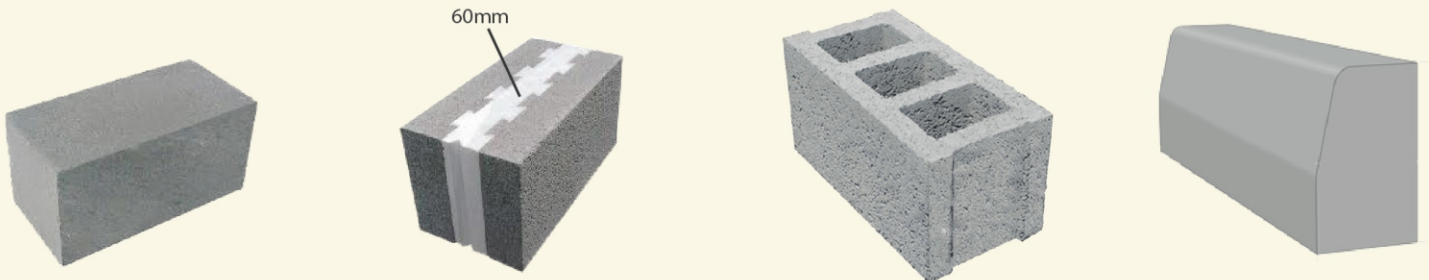


MOSAIC TILES / PAVING SLABS / ROOF TILES



Mosaic / Roof Tiles: Sizes 25x25x2cm, 30x30x2.8cm

Plain Tiles: Sizes 30x30x3cm, 40x40x4cm, 50x50x5cm, 60x60x5cm



Solid Blocks

4" 400x100x200
6" 400x150x200
8" 400x200x200
10" 400x250x200

Thermo Blocks

8" 400x200x200
10" 400x250x200
12" 400x300x200

Hollow Blocks

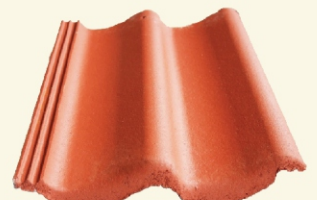
4" 400x100x200
6" 400x150x200
8" 400x200x200

Kerbstone

305x150x915
255x125x915
255x150x915



Interlock Tiles



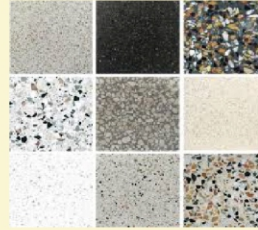
Clay Roof Tiles



Ali Juma Al Nuaimi Trading

(GRP Panel Tanks, Water Tanks, Mosaic Tiles)

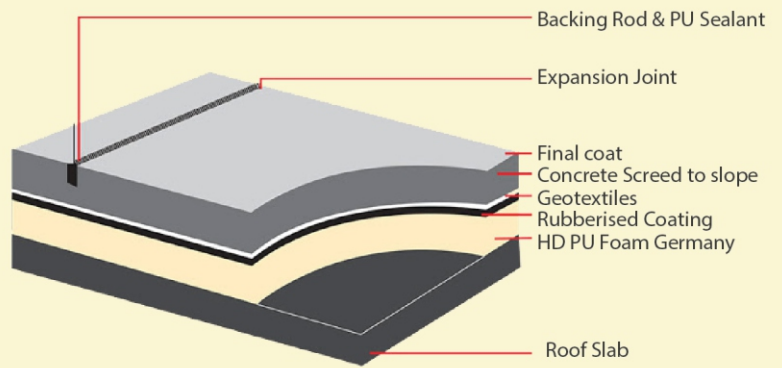
Email: mstarbme@hotmail.com



Techno Roof Insulation Est.

(Combo Water Proofing System)

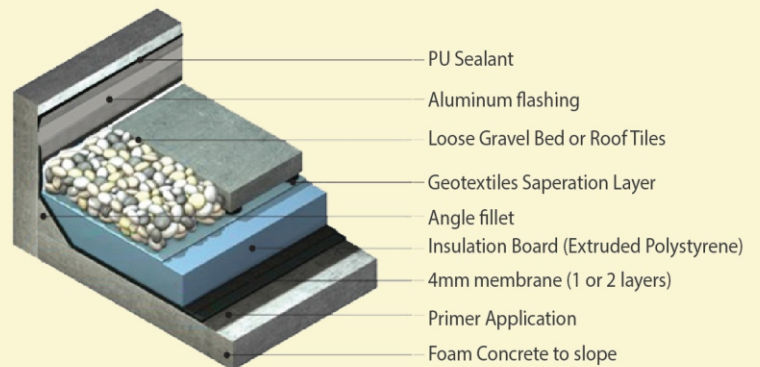
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Sky Roof Gen. Maint. Est.

(Building Maint. & Membrane Water Proofing)

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