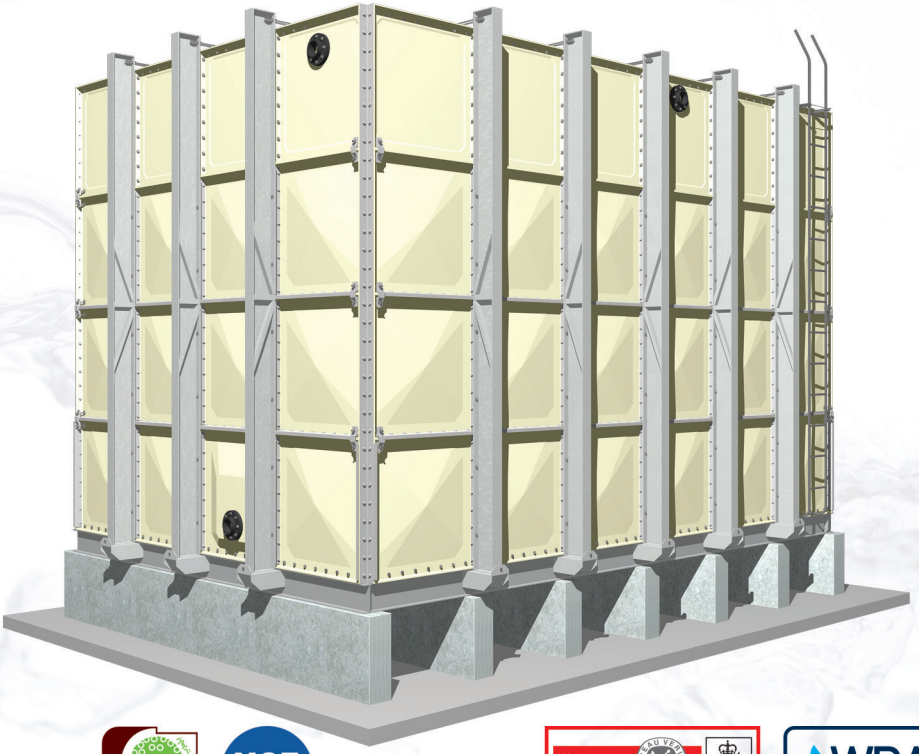
SOLICO TANKS®

a Trademark of Solico Trading Co. (L.L.C.)

SOLICO CELEBRATING 50 YEARS 1966 - 2016 OF SUCCESS IN UAE

PROVIDING LIQUID STORAGE SOLUTIONS SINCE 1966

GRP PANEL TYPE WATER TANK



DUBAI MUNICIPALITY

NSF

ISO 9001 BUREAU VERITAS Certification

UKAS QUALITY MANAGEMENT 008

WRAS APPROVED MATERIAL

Developed in Partnership With

BASF The Chemical Company

SOLICO GRP PANEL TYPE WATER TANK

TABLE OF CONTENTS

01. Solico Success Story 01

02. Solico GRP Panel Type Water Tank 02

03. Design Standards 03

04. Technical Characteristics 04

05. Internal Tie Rods Reinforcement 05

06. External Bracing Reinforcement 06

07. Materials of Construction 07

08. Delivery and Installation 09

09. Advantages of Solico GRP Panel Tanks 11

10. Steel Support Beams 27

11. Clearance and Capacities 28

12. Flange Connections 29

13. Comparison with other types of Tanks 30

14. Our Warranty Promise 31

15. Projects Gallery 33

16. Think Green 38

17. Caution and Maintenance 39

IN 2016, **SOLICO** CELEBRATED ITS **GOLDEN JUBILEE** COMMEMORATING **50 YEARS** OF GREAT **SUCCESS AND GROWTH**

SOLICO

CELEBRATING

50 YEARS

1966 - 2016

OF SUCCESS IN UAE

SOLICO Success Story

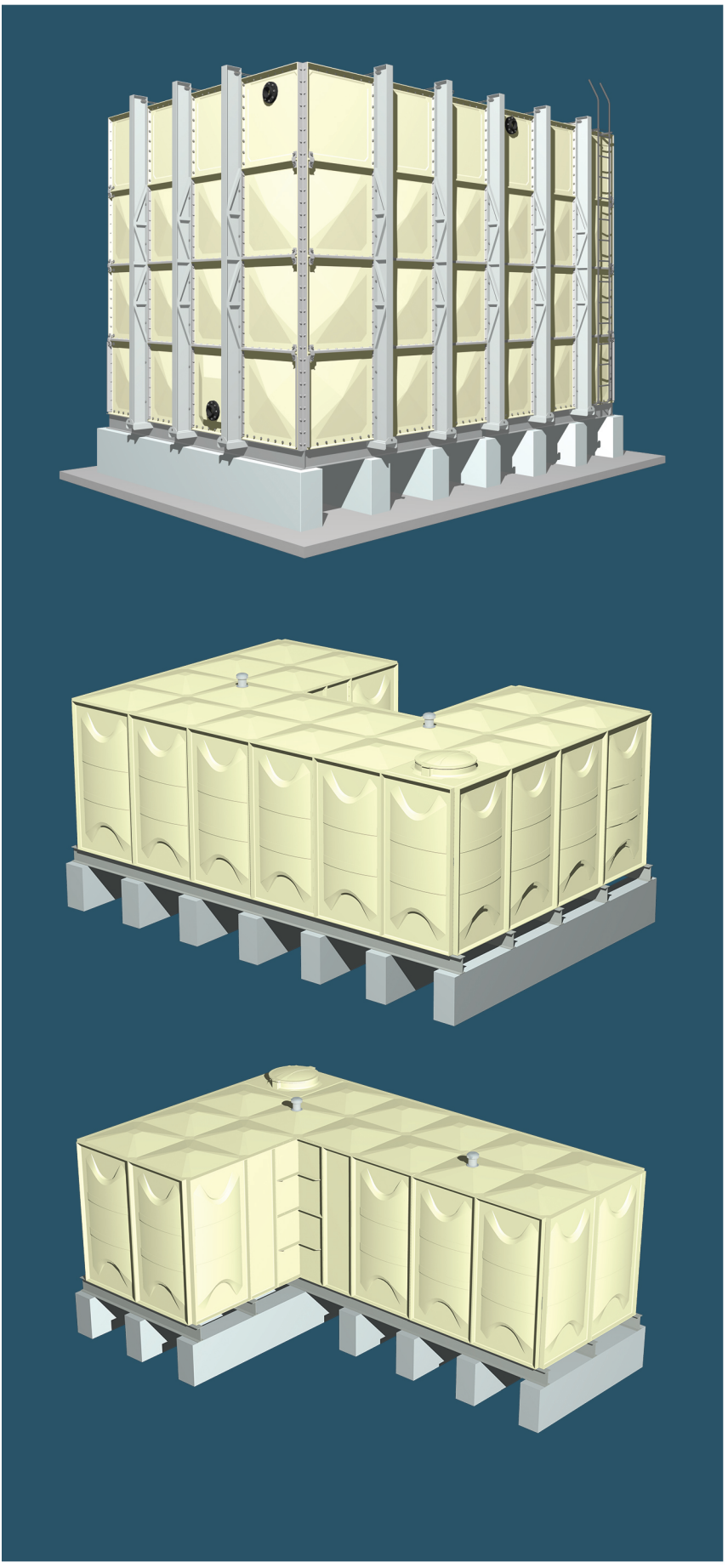
SOLICO was established in the U.A.E. in 1966, a company with international presence in the Middle East, Europe, Australia and Asia specialized in Manufacturing, Trading, Contracting and Investments; offering expertise to governments, corporations and individuals to achieve their objectives. SOLICO has completed many prestigious projects for Private, Commercial, Industrial and Governmental sectors throughout the world, including projects such as Airports, Hospitals, Laboratories, Schools, Palaces, Hotels, High Rise Buildings, Water Networks and Residential Connections.

For nearly five decades SOLICO has continuously provided value, quality and service to our customers earning us the reputation of market leaders in our sphere of specialization.

SOLICO is committed to the pursuit of excellence and therefore invests in each of its businesses to provide the best technologies, materials, innovation and people to ensure quality results for our customers.

Years of innovation, R & D and continuous provision of added value into our products and services above all else, has earned SOLICO its reputation of market leader which we continue to protect by “Delivering on our Promises”.

solicouae.com



Solico GRP Panel Type Water Tank

Since 1966 SOLICO has been known as a reputed supplier of GRP water storage solutions in the UAE and GCC countries.

In 1984, SOLICO pioneered the introduction of groundbreaking technology, Hot Pressed GRP Panel Type Water Tanks, gaining market share by offering the top of the range Japanese Bridgestone Brand with high levels of service and reliability.

This innovation, coupled with SOLICO's awareness and continuous marketing efforts for clean water storage systems resulted in a paradigm shift, from the conventional storage means to a cleaner and healthier solution.

In 2012, SOLICO inaugurated its own Hot Pressed SMC state of the art GRP Panel Type Water Tanks; the Solico Panel Tank Brand developed in partnership with BASF.

With this new Brand, the company continues to offer the same high quality product complying with numerous international standards, combined with our enhanced service level and competitiveness.

This decision was taken to capitalize on the company's extensive composite manufacturing experience as well as SOLICO's excellent reputation for their service and quality in the Hot Pressed GRP tank business for 50 years.

Design Standards

Solico Panel Tanks are NSF 61. (USA), WRAS (UK) & Dubai Municipality (DCLD-UAE) approved and designed to the most relevant international GRP panel type water tank's standards such as BS 7491 (UK), SS245 (Singapore) and the latest AWWA D121-12 (USA).

The panel shapes are designed using Finite Element Analysis to allow optimization and ensure the required panel and tank safety factor.

Solico Panels are manufactured using State of the Art SMC Hot Press Molding Process combining Japanese

Panel Strength :	Hydrostatic Pressure x6 (Safety Factor)
Wind Velocity :	60 m/sec
Roof Load :	120 Kgf/m^2
Ambient Temperature :	55 °C (Max)
Water Temperature :	65 °C (Max)
Seismic Load :	Peak Ground Acceleration PGA = 0.25 (Group A)
Seismic Zone :	B2

Upgraded Design Available for Higher Seismic Zones:

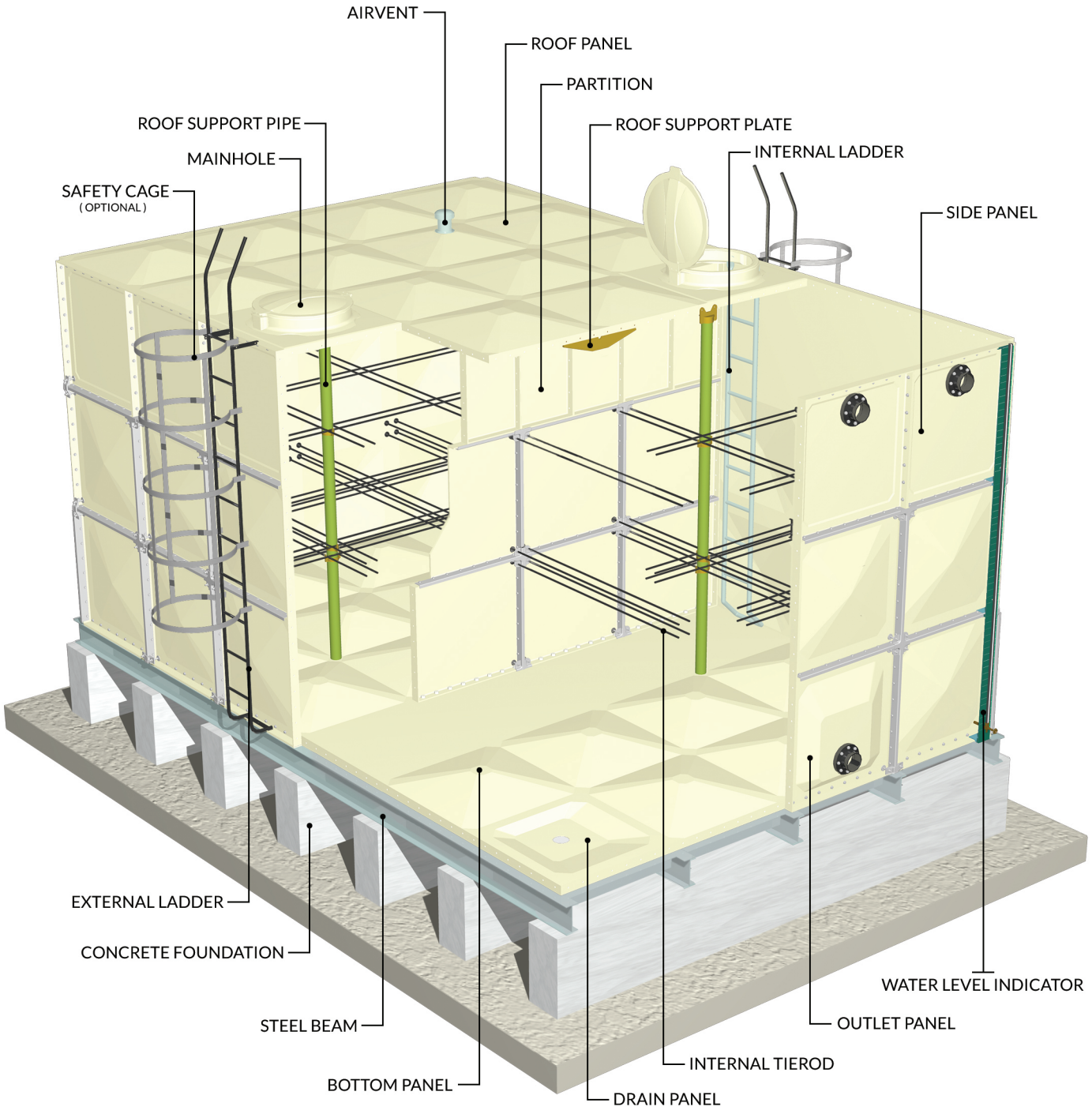
(Group B) 0.25 < PGA < 0.40

(Group C) PGA ≥ 0.40

Technical Characteristics

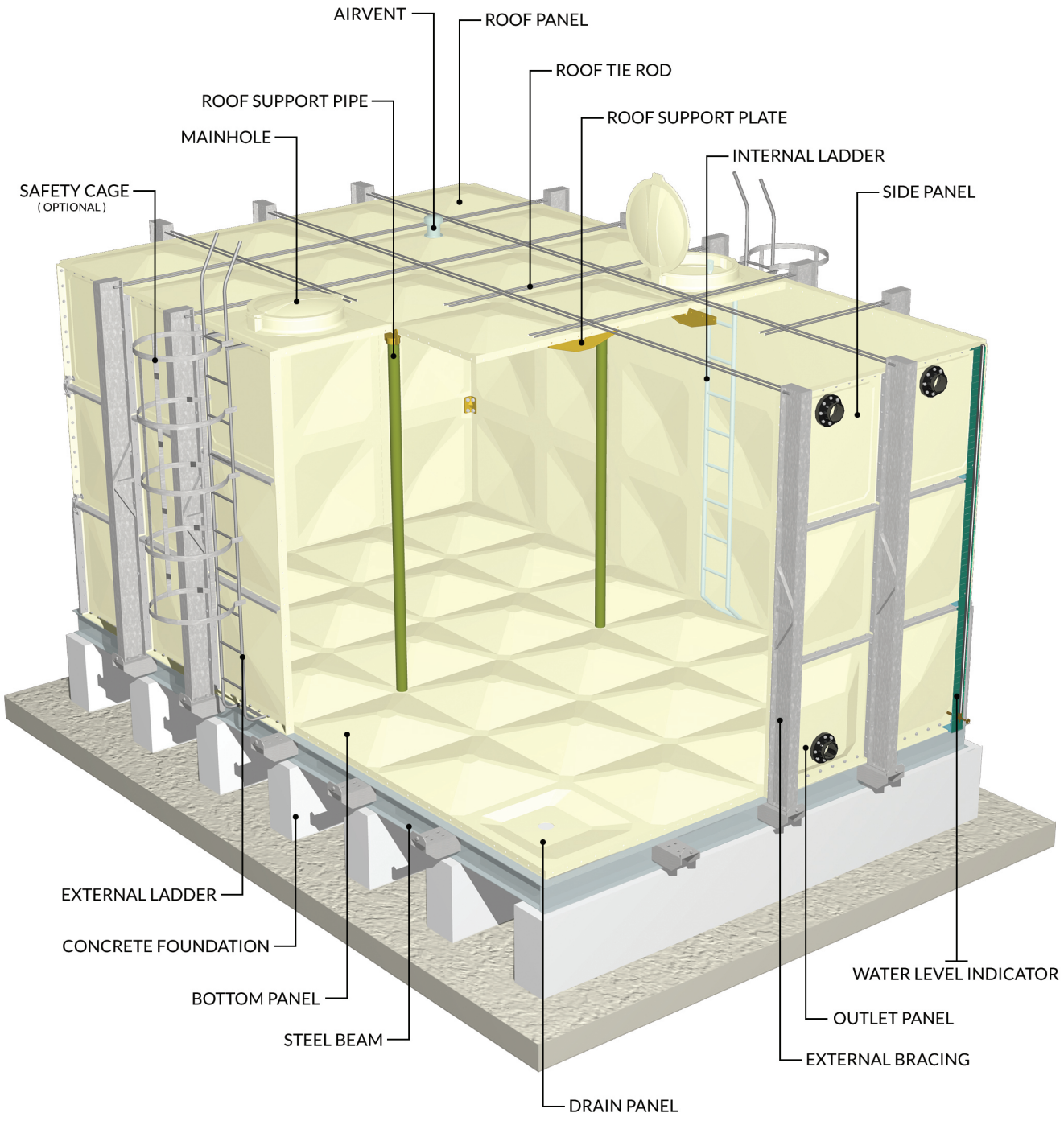
DESCRIPTION	GRP	DESCRIPTION		GRP
Specific Gravity	1.75	Thermal Conductivity	(Single Panel)	0.10w/mK
Glass Content	30%		(Insulated Panel 25mm)	0.036w/mK
Tensile Strength	110 MPa		(Insulated Panel 50mm)	0.029w/mK
Young's Modulus	13 GPa	Coeff. of Overall	(Single Panel)	14w/m^2K
Flexural Strength	230MPa	Heat Transmission	(Insulated Panel 25mm)	1w/m^2K
Impact Strength	80Kgf.cm/cm^2	(Thermal Conductance)	(Insulated Panel 50mm)	0.5w/m^2K
Compressive Strength	160MPa	Thermal Expansion		1.66×10^{-5}/℃
Shear Strength	100 MPa	Water Absorption		Less than 0.1%
Barcol Hardness	66	Light Transmission	Ivory	0.0%
Flame Spread (FSI)	60	Fire Rating Class	B / 2	
Smoke Development (SD)	40			

Internal Tie Rod Reinforcement



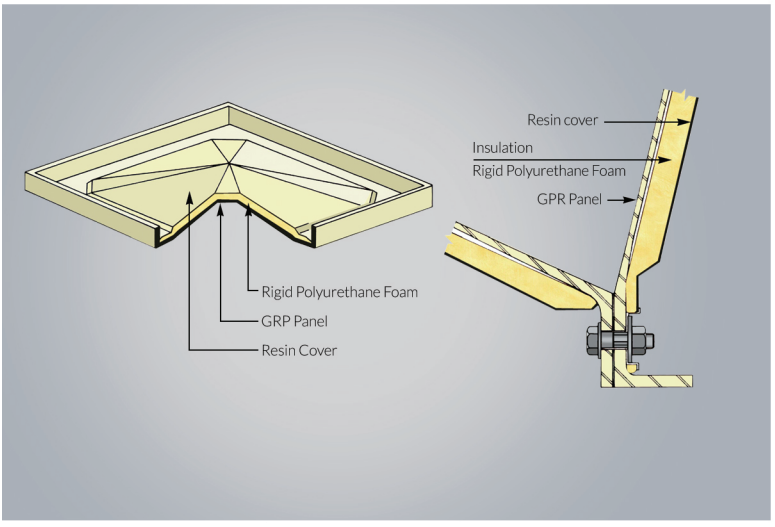
ALL INTERNAL METALS ARE OF STAINLESS STEEL GRADE A4 / 316

External Bracing Reinforcement



NO METALS ARE IN CONTACT WITH WATER

Materials of Construction

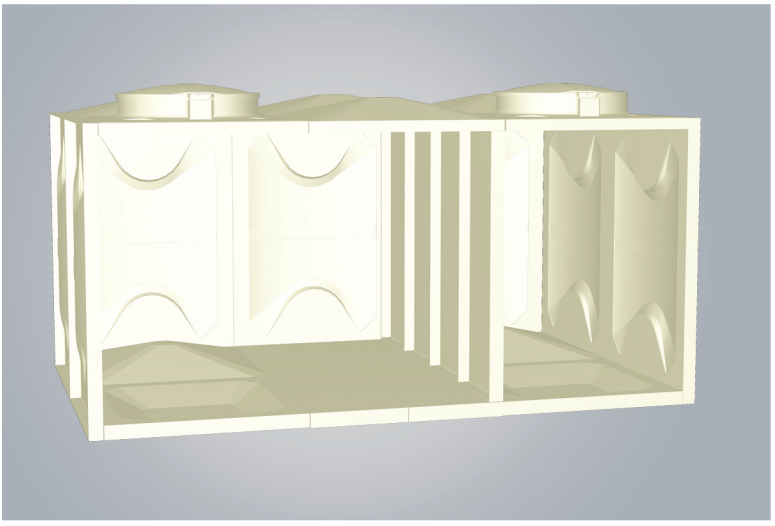


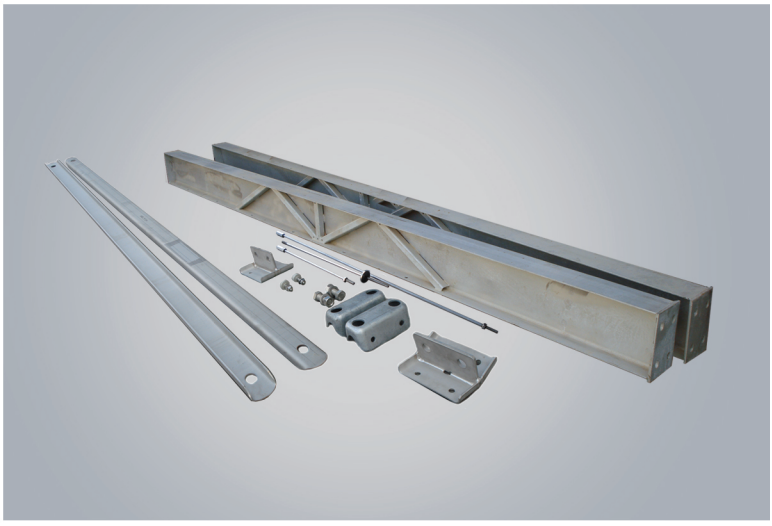
Insulation

Rigid Polyurethane: Density 40 Kg/m3
Thickness: 25mm (Optional 50mm thick)
Insulation Cover: 2mm ASA Sheet U.V. Resistant

Sealant

SEBS material
Strong, Durable and U.V. Resistant
"O" Ring Shaped for added security



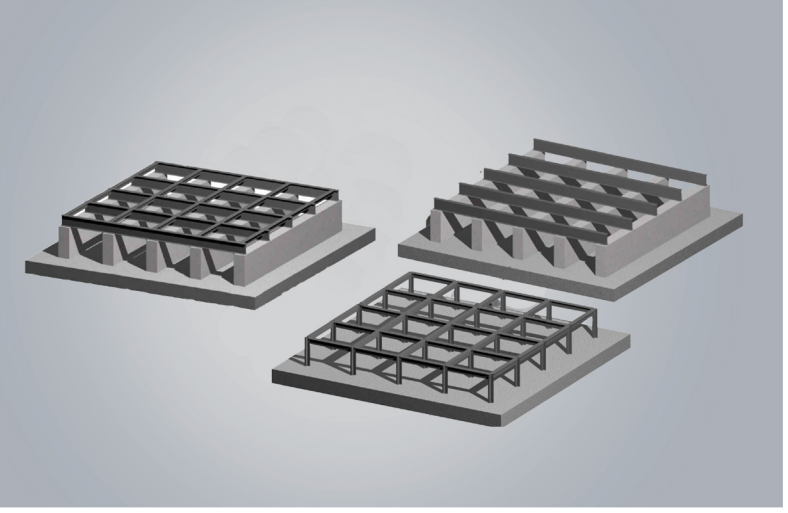


Panel

SMC Hot Pressed Glass Reinforced Polyester (GRP or FRP) with Reinforced Roving Mesh

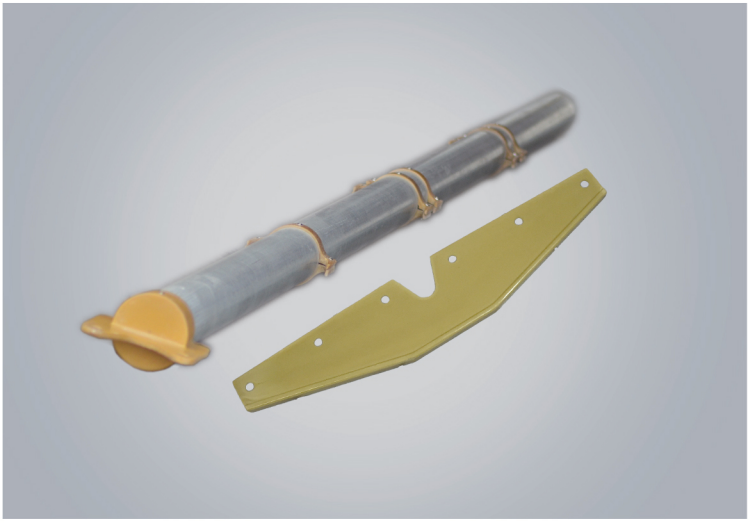
Reinforcements

External: HDG Structural Steel Beams, Angles & Brackets
Internal: S/S Grade A4/316 Tie Rods or Diagonal Struts



Steel Skid

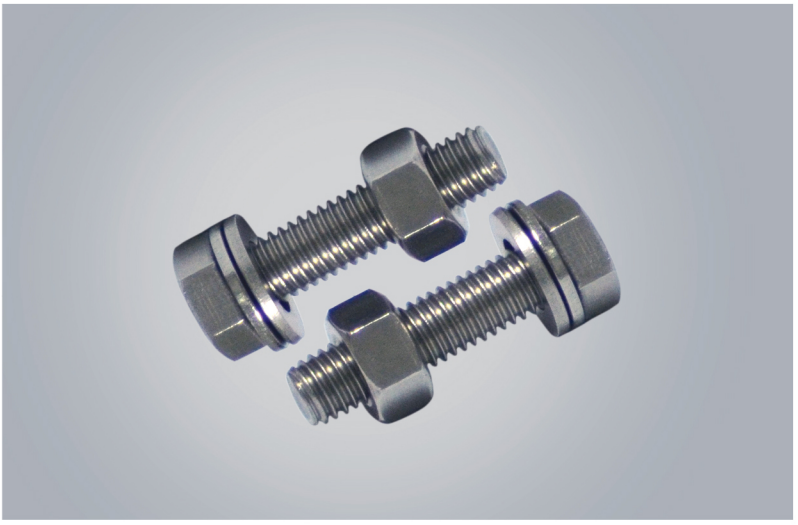
Hot Dipped Galvanized Steel, Upstand supports, Beams and Skids



Roof Supports

PVC/GRP roof support pipes

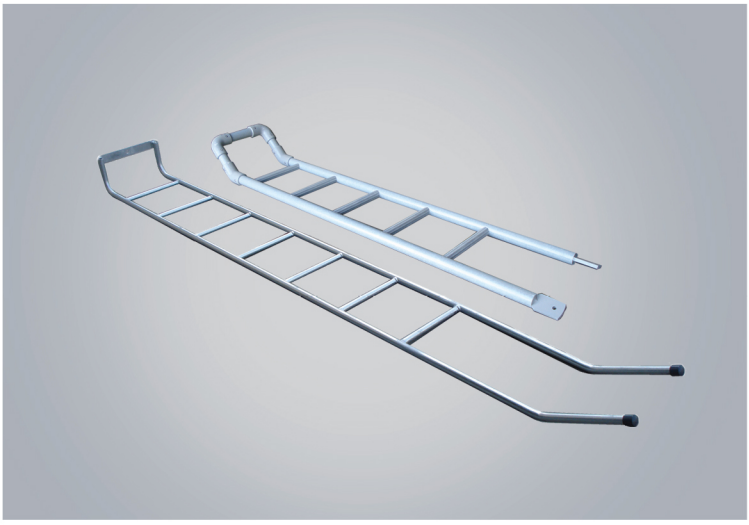
Hard Polyurethane Brackets



Bolts & Nuts

External: HDG Grade 8.8 (Optional S/S Grade A4/316)

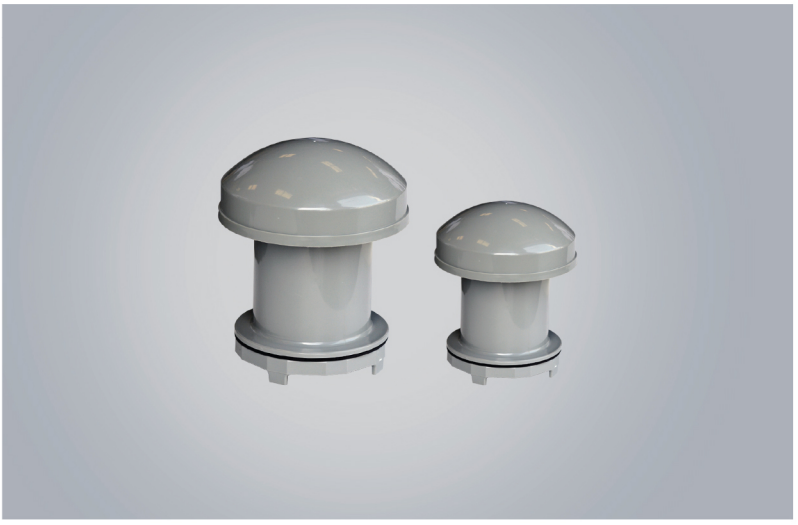
Internal: S/S Grade A2/304 (Optional S/S Grade A4/316)



Ladders

External: HDG Steel (Optional S/S or GRP)

Internal: GRP (Optional S/S)



Airvents

PVC4”DIA with Nylon mesh#22

Properties: Light, Dust, Insect Proof Add Water level indicator also to keep in a sequence

Delivery and Installation

Solico Panel Tanks are delivered by Solico's transport within UAE and using authorized shipping companies in the Middle East and across the world.

Solico provides highly specialized trained teams for the installation of their tanks within the UAE and Technical Supervisors for installation around the world. Solico Technicians are trained to ensure all works to be fully compliant with current legislative and safety standards.

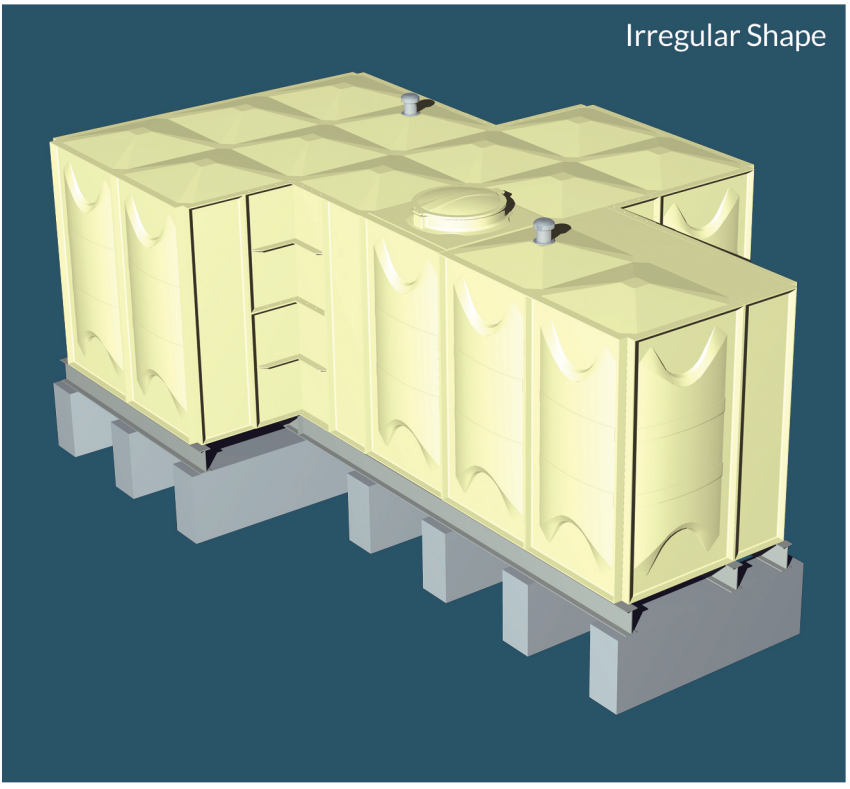
POTABLE WATER QUALITY

Advantages of Solico GRP Panel Tanks

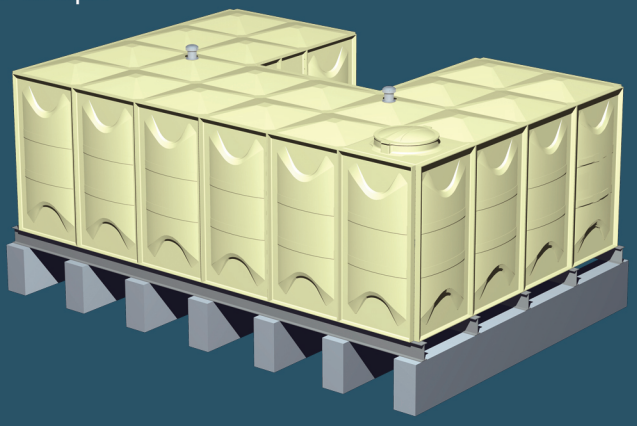
1. Flexible and Customized Shapes

Solico Panel Tanks can be made in square, rectangular, L, T, U or other customized complex shapes using an array of standard panels.

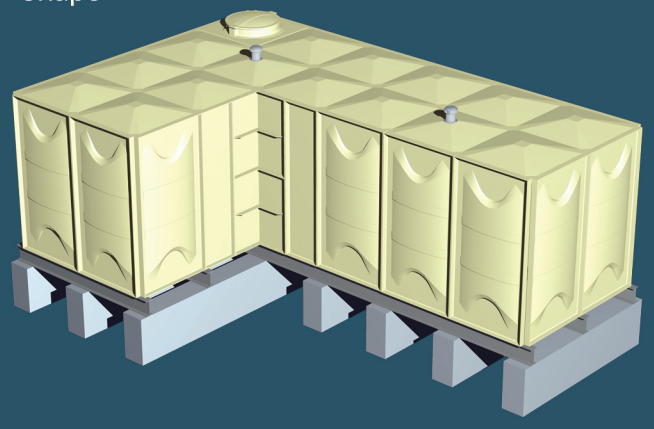
Irregular Shape



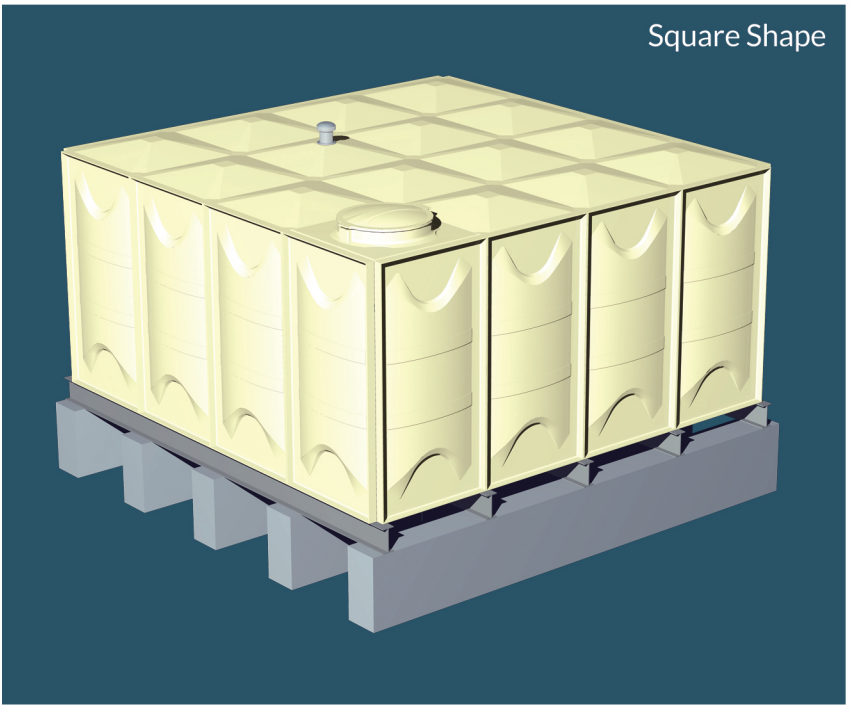
C - Shape



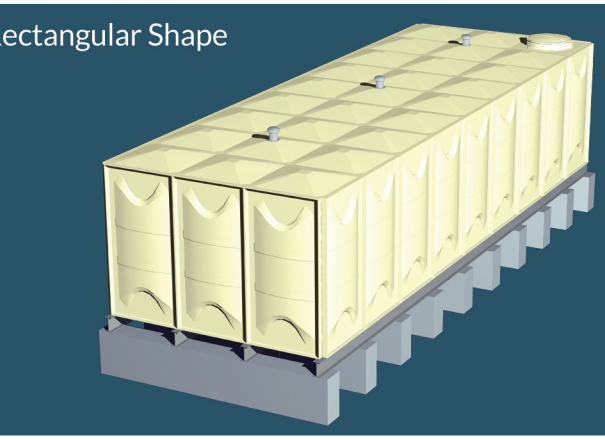
L - Shape

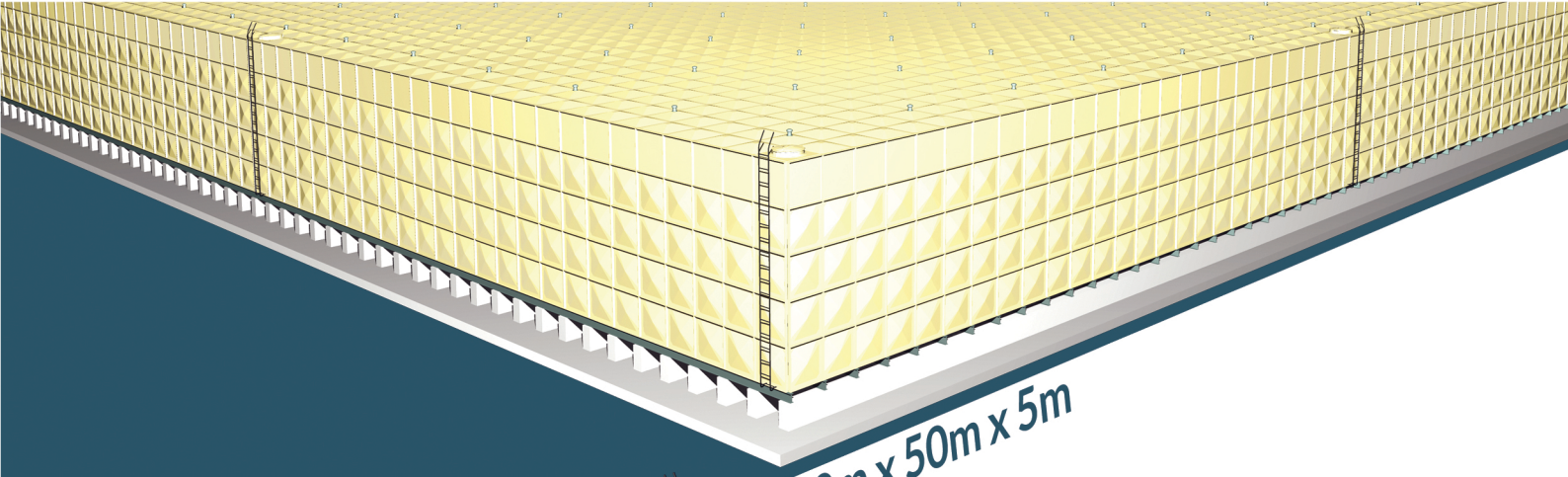


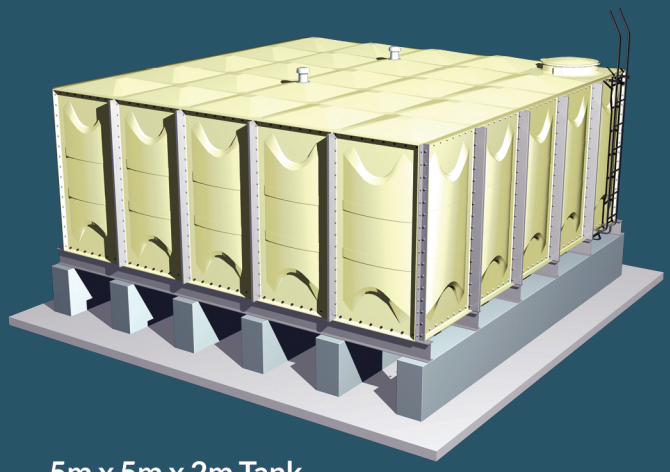
Square Shape



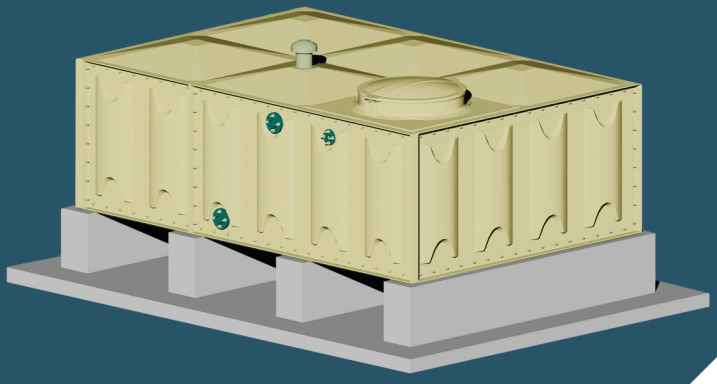
Rectangular Shape







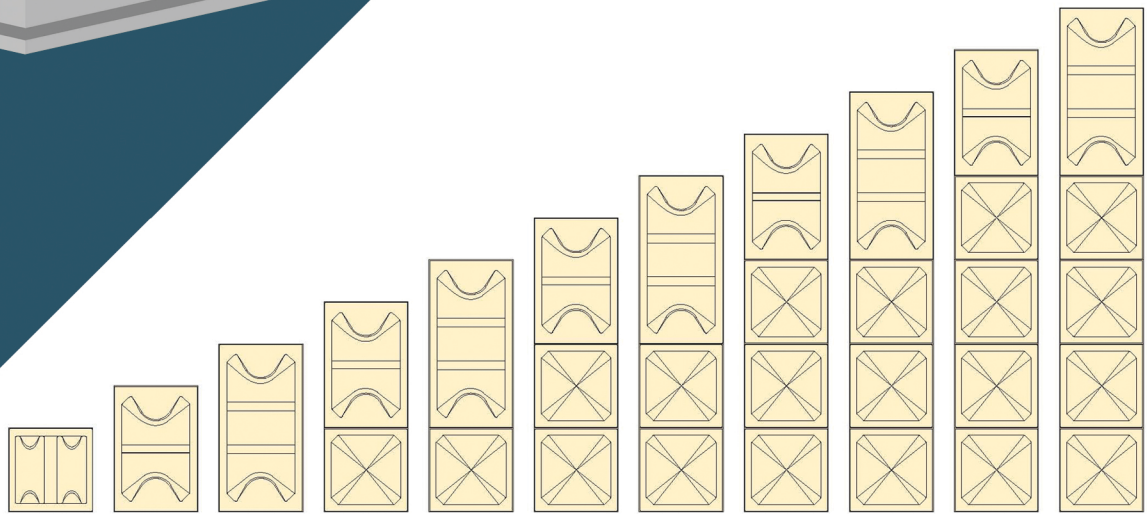
5m x 5m x 2m Tank



3m x 2m x 1m Tank

Customized Sizes

By combining Solico GRP sectional Panels in modular and flexible patterns, an infinite number of tanks can be assembled of various dimensions and capacities ranging from as little as 1m^3 (265 USG) (size 1m x 1m x 1m) up to 12,500 m^3 (3,312,500 USG) (size 50m x 50m x 5m)

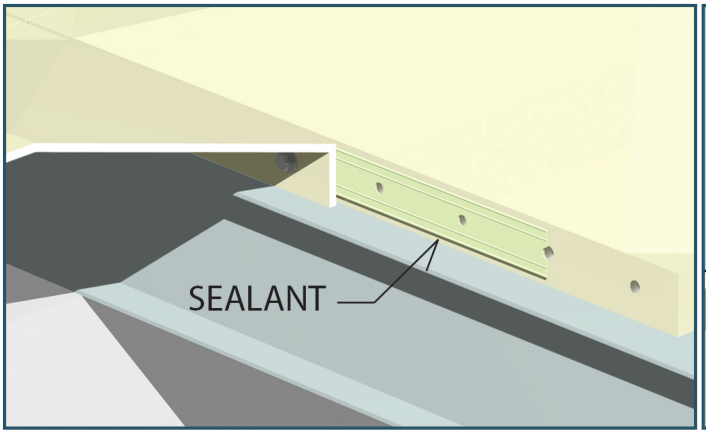


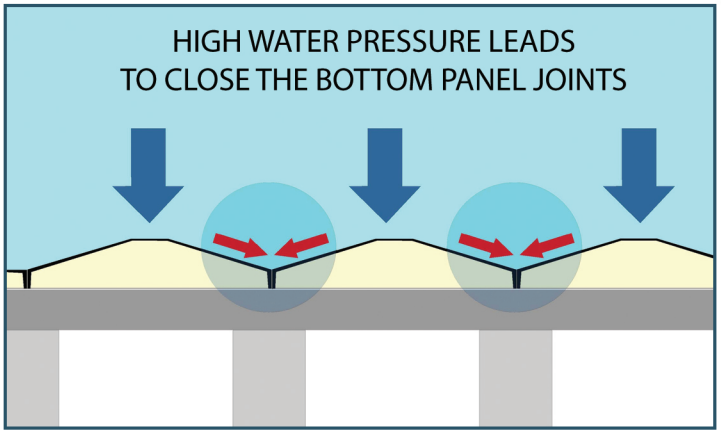
Side Panel Height Structure

Advantages of Solico GRP Panel Tanks

2. Prevents Leakage

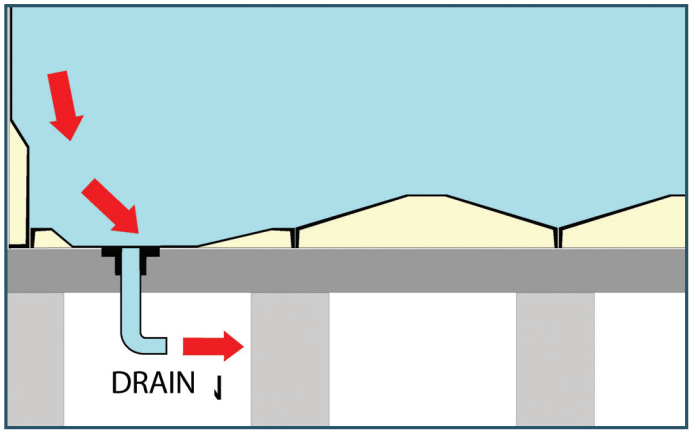
Solico Panel type water tank uses exclusively designed convex panels for the base. The convex panel is so designed that any increase in water pressure closes the bottom panels joints further. Joints are sealed with a special rubber sealant of patented "O Ringed" material. The combined flange thickness at the panel joints is more than sufficient to meet the stresses imposed. This "Self-Sealing" feature eliminates the possibility of separation and hence leakage of the tank.

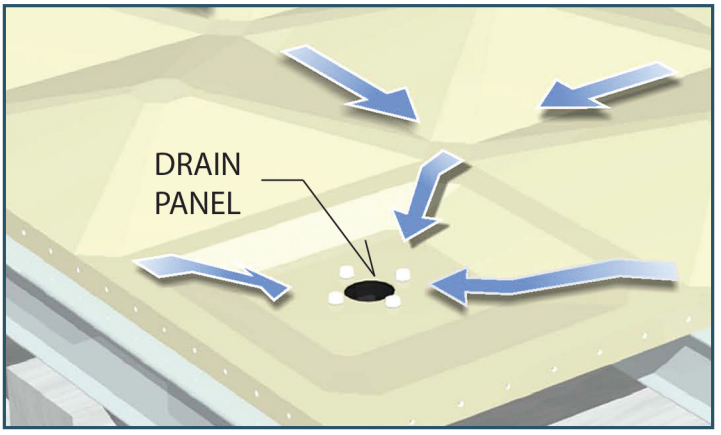




3. Drain Completely

The combination of convex base panels with a concave drain panel ensures complete and faster drainage. A unique feature of the Solico Panel Tank; the concave drain panel was especially designed to facilitate periodic tank cleaning and inspection.



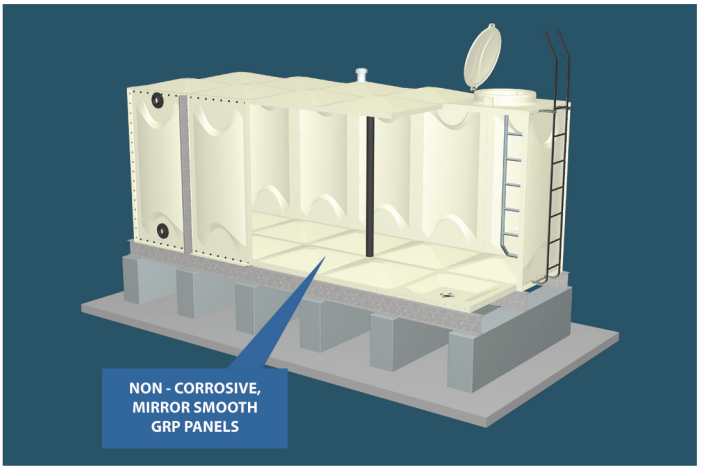


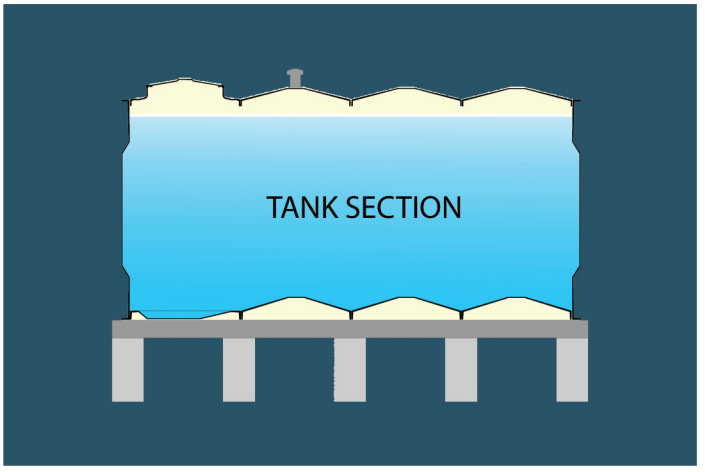
Advantages of Solico GRP Panel Tanks

4. Smooth Surface and Metal Free Inside

The hot pressing method for Solico panels produces a glass like surface which does not allow the adherence of bacteria or any organic matter and therefore does not allow algae growth.

No metal components are in contact with water. Reinforcements, bolts and nuts for assembly are on the outer side, allowing external flanging and access if bolt tightening is necessary.

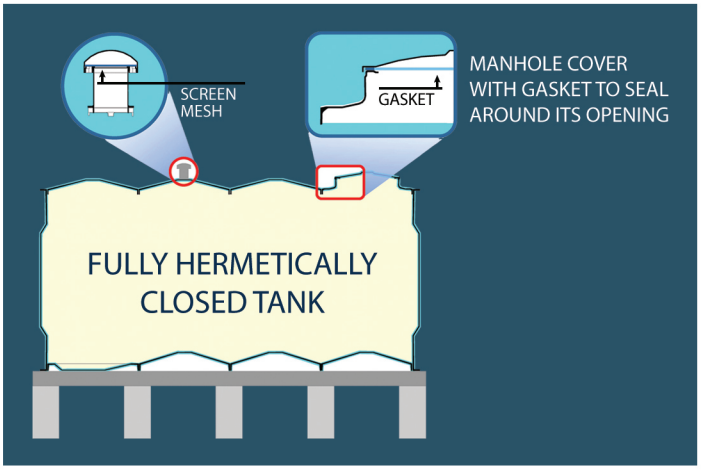


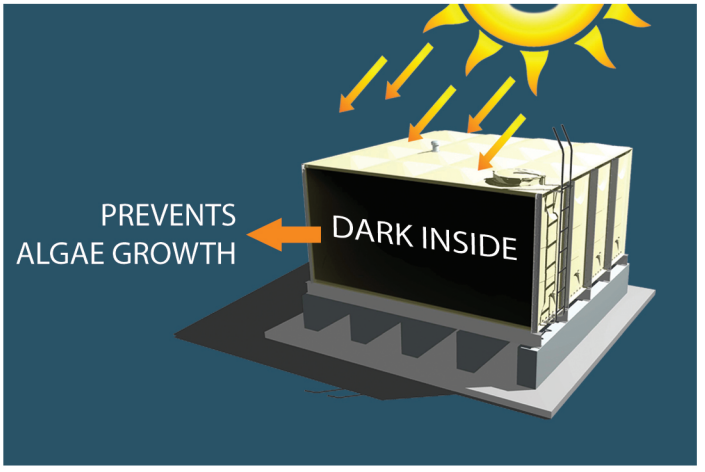


5. Dust, Insect and Light Proof Design

Tanks are completely sealed, using fully hermetical manhole covers and air vents that are designed to be dust and insect proof.

Solico GRP Panel Tanks are light proof preventing an essential element for algae growth. Light transmittance for all panels including the manhole cover is 0.00%

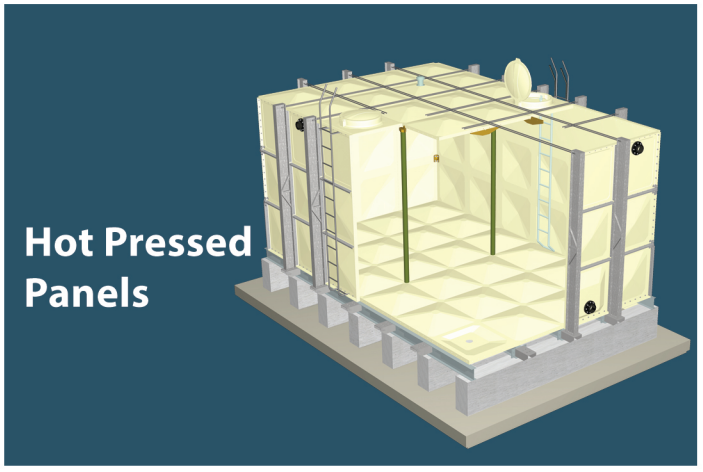




Advantages of Solico GRP Panel Tanks

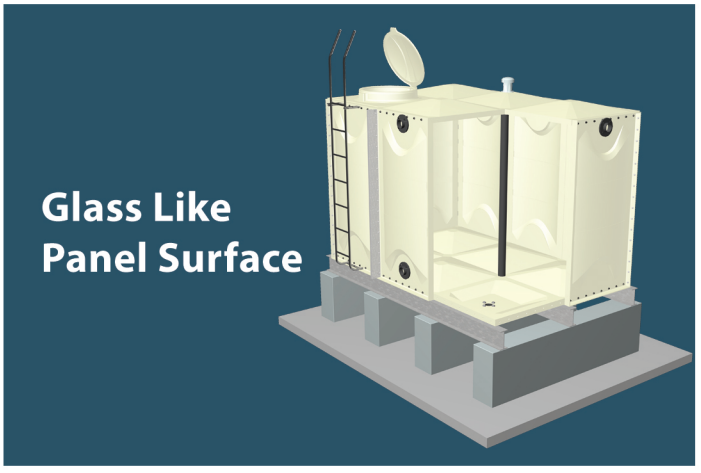
6. Protection against Styrene emission and Algae growth

The hot pressing method for panels produces a glass like finish on the surface which does not allow algae to grow. Styrenes are liberated from the panels due to the high temperature at which they are pressed making it an ideal product to store drinking, medical process, food and beverage and manufacturing processed waters.



7. No Corrosion

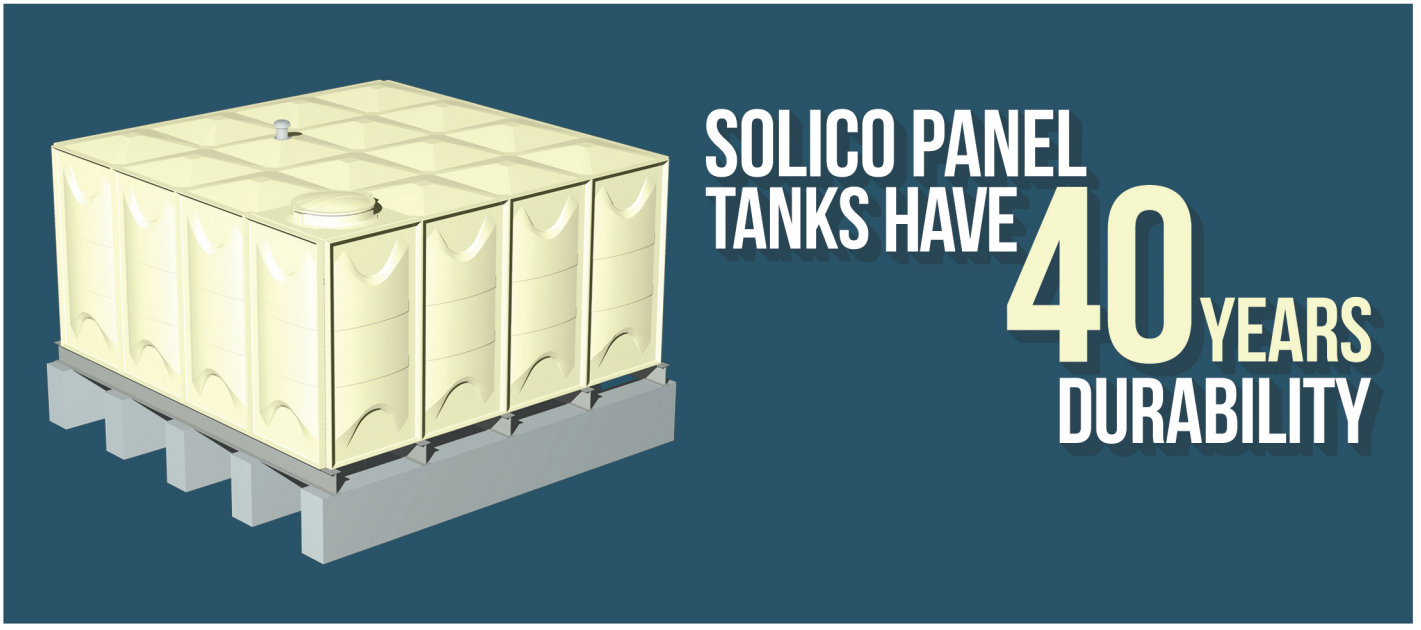
Corrosion inside Solico GRP Panel Tanks is not possible because of unique non-corrosive chemical composition of its GRP panels. Specially designed external bracing used in construction ensures that no steel comes in direct contact with water.



Advantages of Solico GRP Panel Tanks

8. Long Life Expectancy

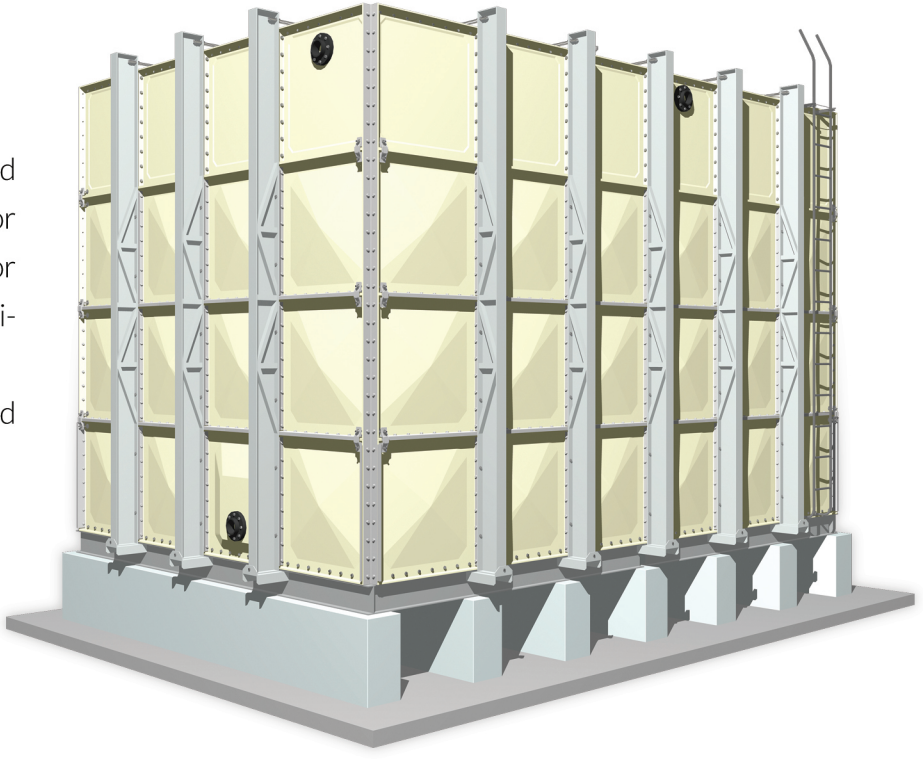
Average serviceable life for Solico tanks in normal operating conditions without maintenance is in the range of 40 years.



9. High Safety Factor

Solico Panels are individually designed using finite element analysis software for optimal performance with a safety factor of 6 times bearing strength above maximum anticipated load.

Our Tanks are designed to withstand strong winds and earthquakes.

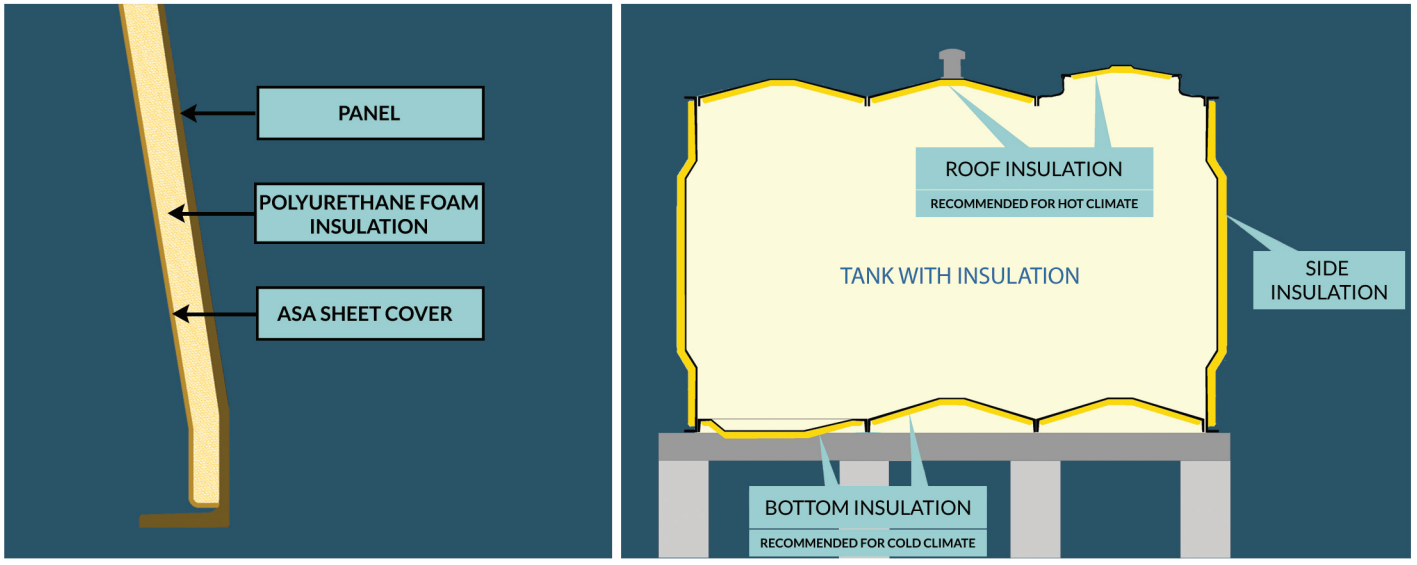


Advantages of Solico GRP Panel Tanks

10. Heat and Cold Insulation

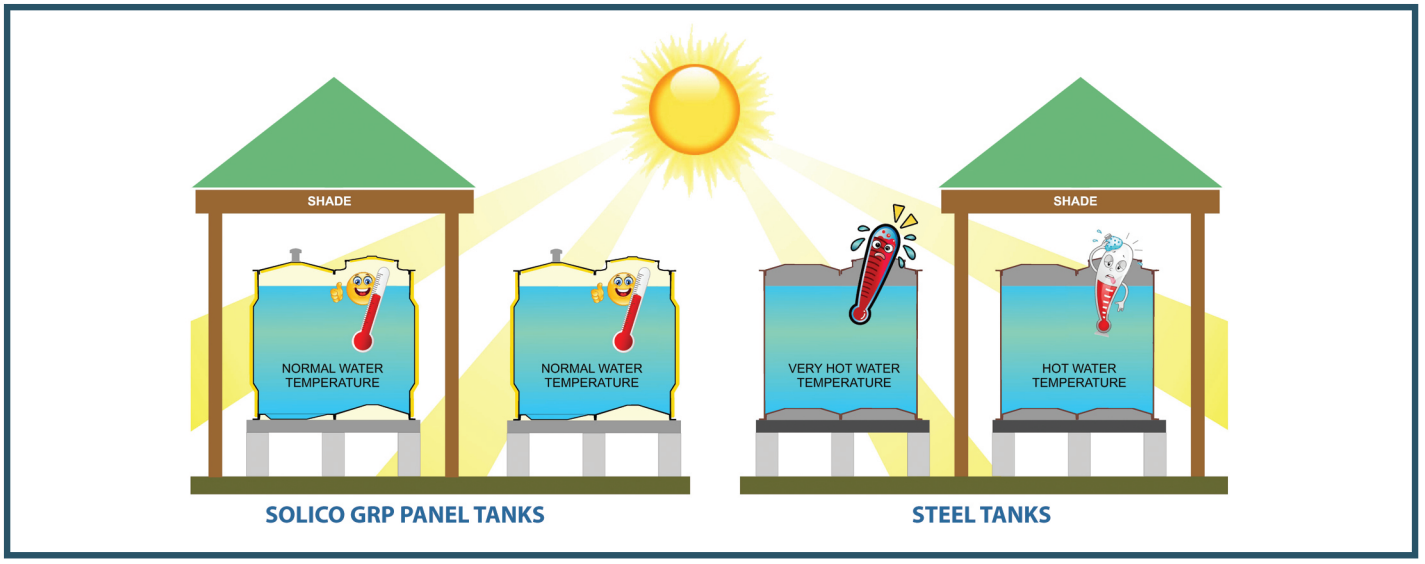
Specially designed Insulated panels with options of 25mm and 50mm insulation thickness are available for extreme weather conditions (hot or cold).

These insulated panels also prevent the water from freezing in extreme cold weather and conserve the water temperature at acceptable levels for longer periods of time.



11. Constant Temperature

Temperature will remain constant inside a Solico Insulated GRP Panel Tank which is an excellent feature for industrial purposes where chilled water is required in huge volumes and production water needs to be protected from extreme heat.

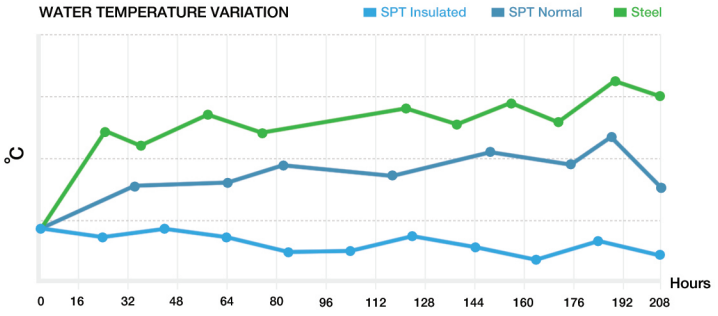


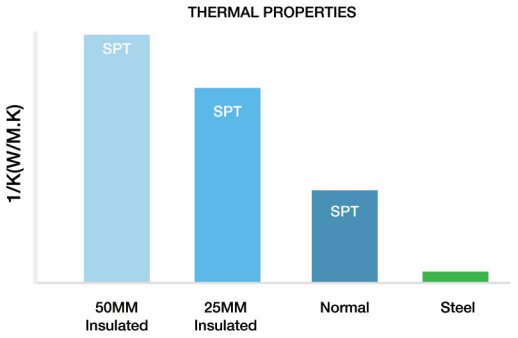
Advantages of Solico GRP Panel Tanks

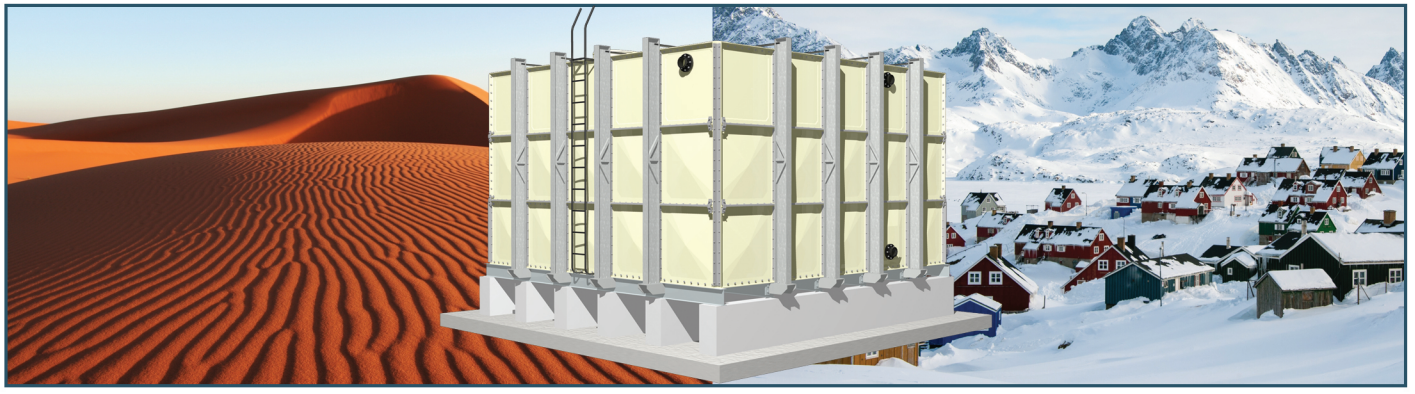
12. Thermal Conductivity, Expansion and Contraction

Non-insulated Panels have 240 times less thermal conductivity than metal, ensuring stable temperature.

Modular panels with low thermal coefficient and flexible rubber sealant ensure a leak free design

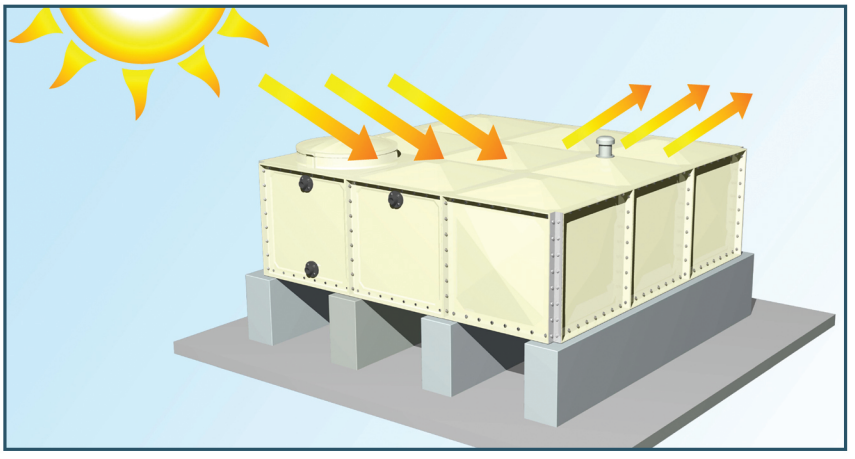






13. Protection Against UV Rays

Excellent ultra violet (UV) resistant characteristics and performance ensures high mechanical properties and weather resistance even after 40 years of use.

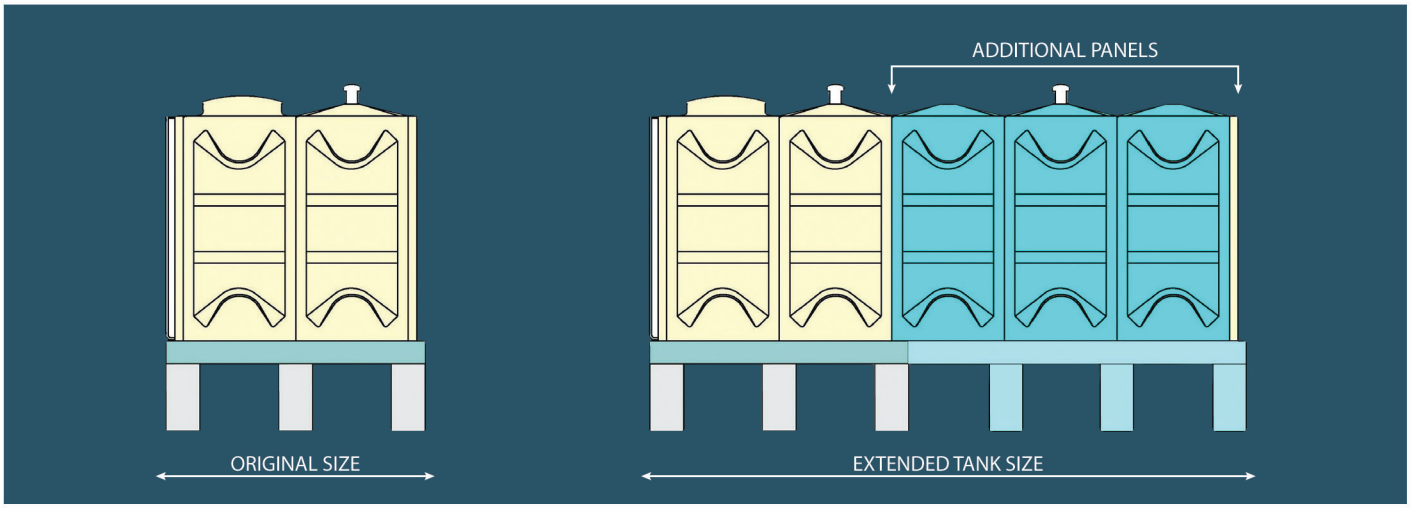


“WATER THE SOURCE OF LIFE”

Advantages of Solico GRP Panel Tanks

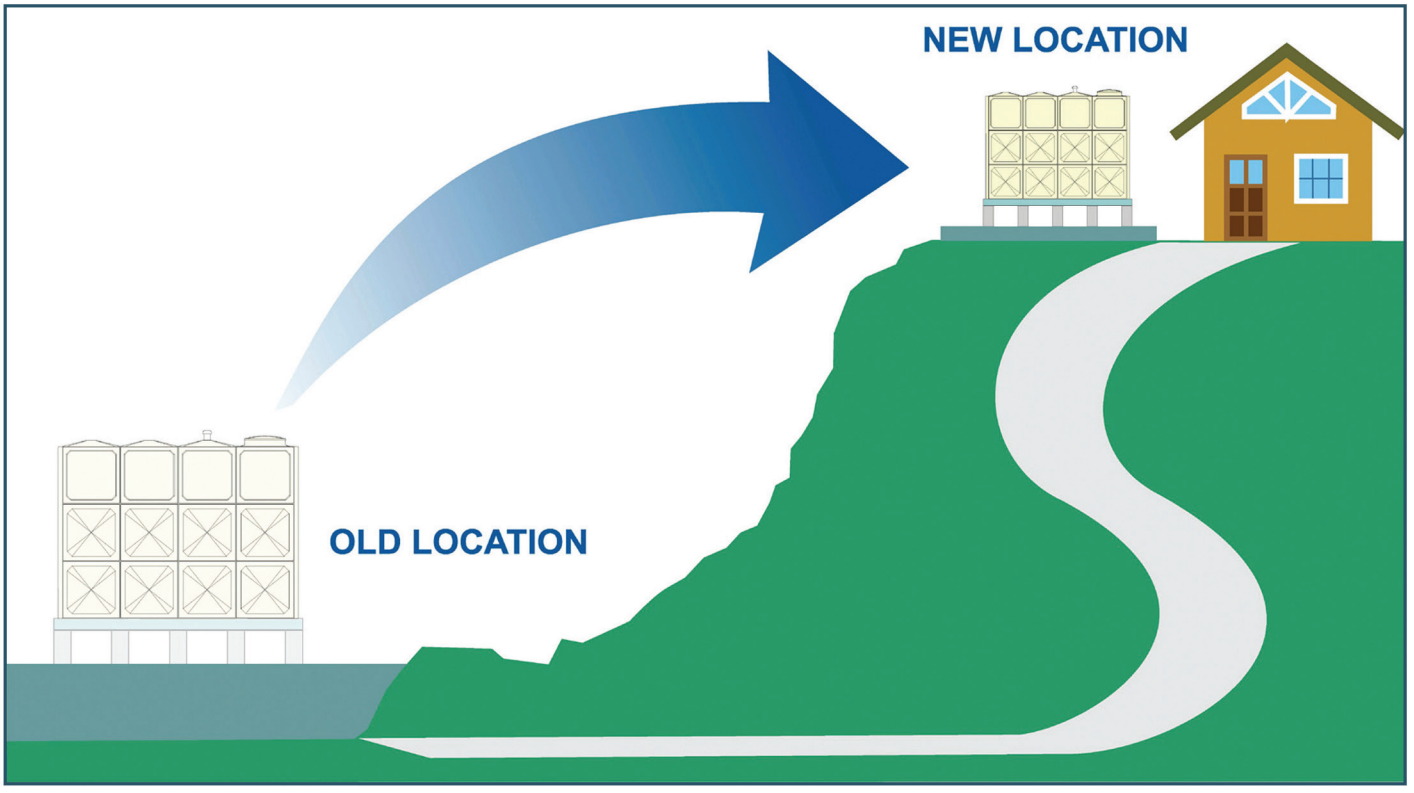
14. Extendibility

Solico GRP Panel Tanks can be extended in length and width to provide increased volume as the consumption requirements change.



15. Relocation

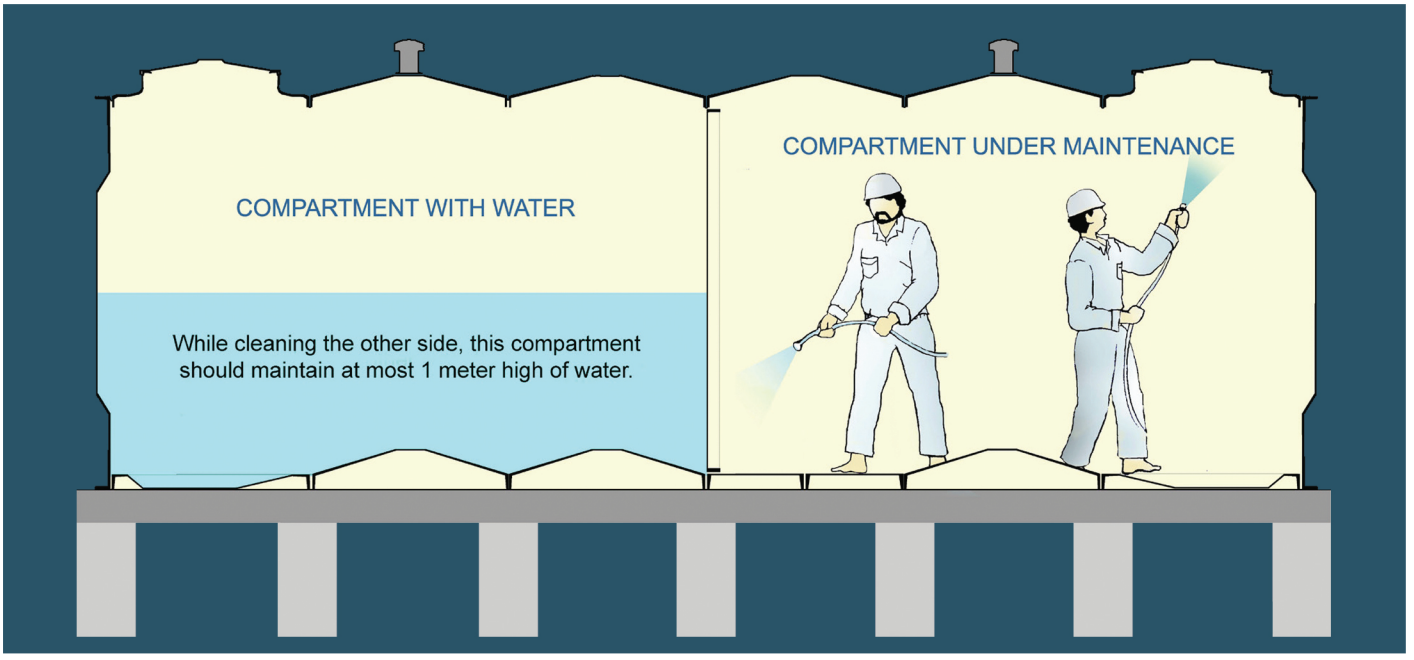
Can be relocated easily from one place to another several times.



Advantages of Solico GRP Panel Tanks

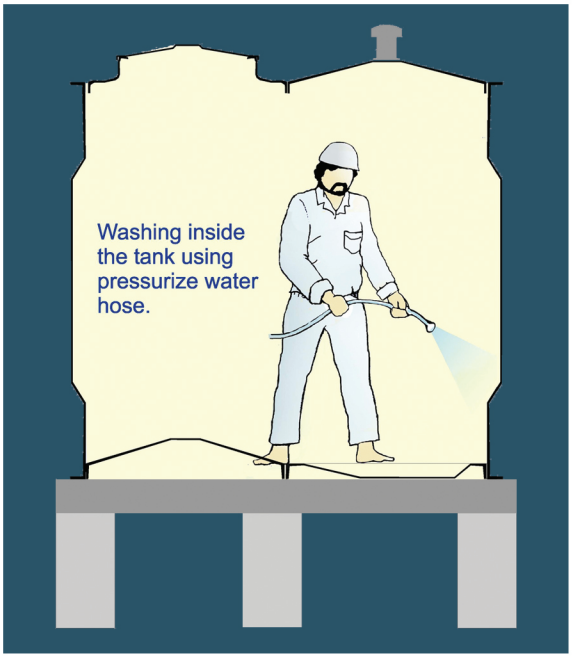
16. Partitioning

Partitioned Solico GRP Panel Tanks provide the facility of using one section of the tank while the other secton undergoes cleaning and maintenance while providing continuous water supply during operations.



17. Cleaning

Solico GRP Panel Tanks can easily be cleaned due to the ease of full drainage using a medium water pressure hose to wash down any dirt without using any chemicals. During Cleaning, the tank should have at least 5 inches of water remaining. Check and wipe the silt from the bottom before draining the water completely.



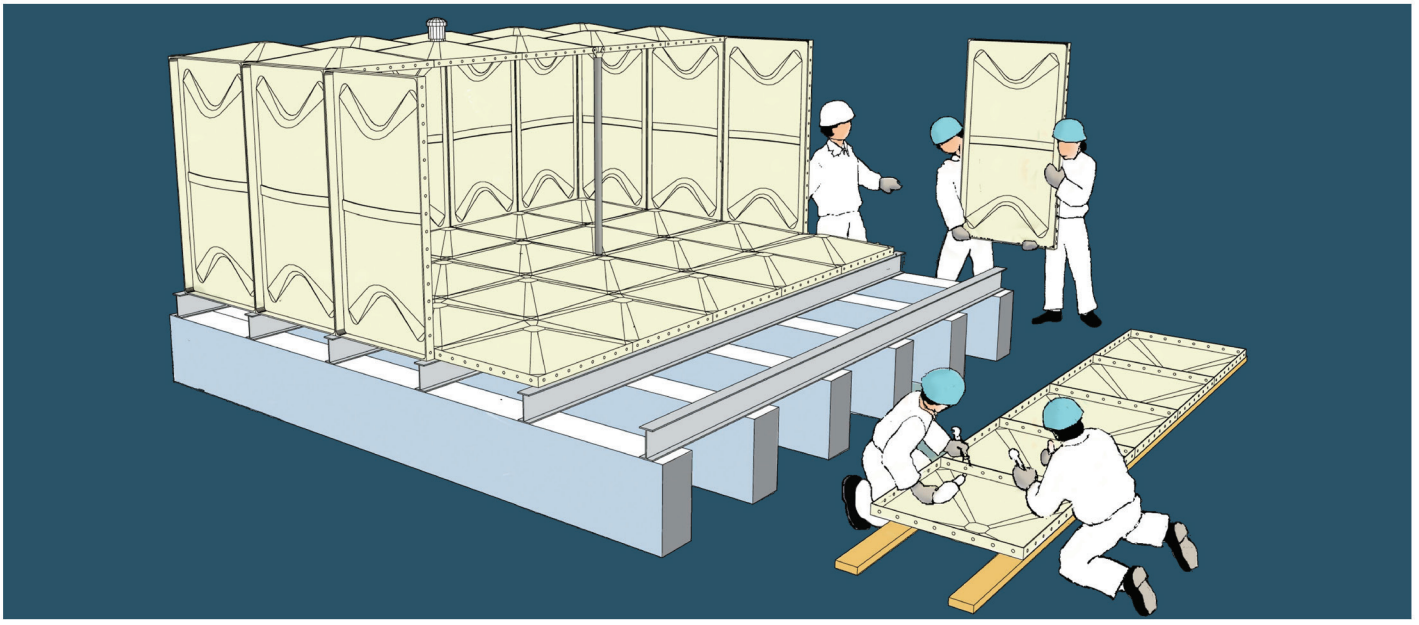
Advantages of Solico GRP Panel Tanks

18. Easy Assembly

Solico GRP Panel Tanks can be easily assembled by technicians from the local community.

19. Less Manpower Requirement

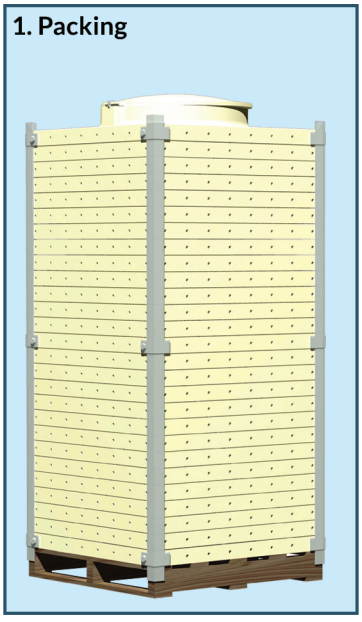
Low man-hours of labour is required for the assembly of Solico Panel Tanks. For example a tank size 5x5x2m = 50m^3 requires 2 days for assembly with a team of 5 technicians.



Advantages of Solico GRP Panel Tanks

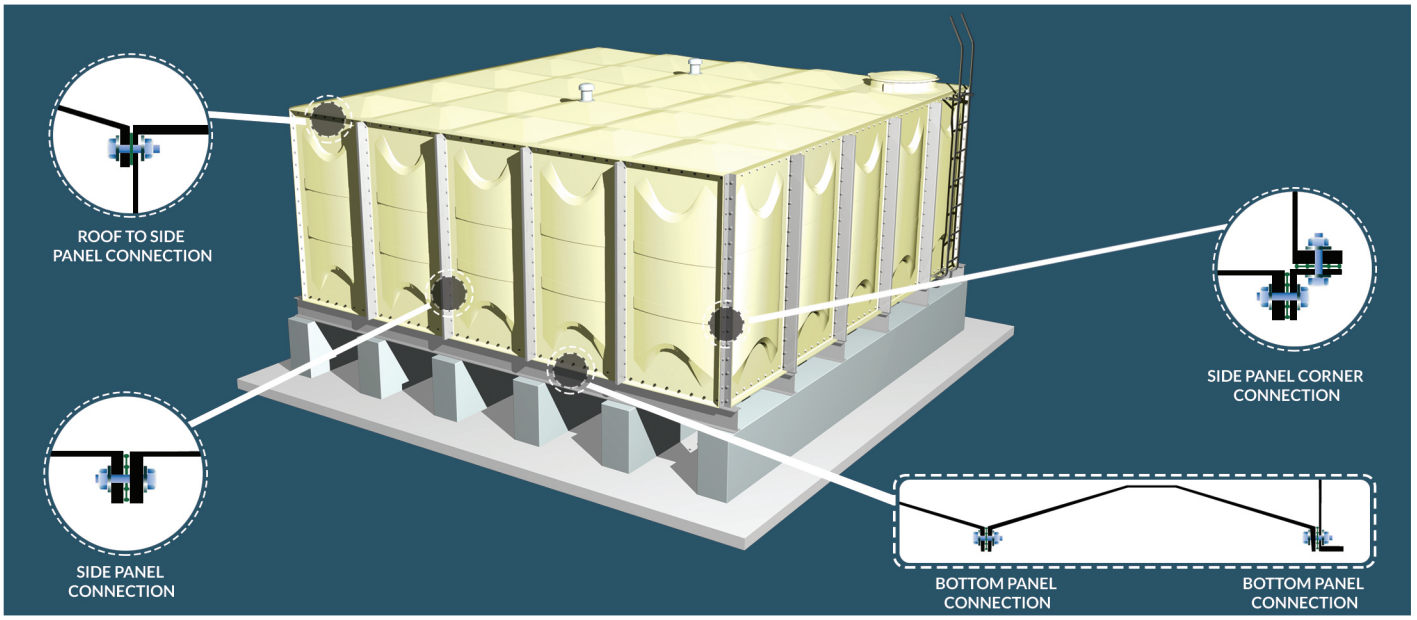
20. Easy Transportation and Compact Packing

Panels are stacked on pallets with minimum loading volume . A pallet of 1m x 1m x 2m size weighs only 400kg from which you can build a tank of 9m^3. Transport volumes decrease drastically as tanks sizes increase to reach only 10% shipping volume of tank's actual capacity.



21. Full Accessibility

Maintenance free. Corrosion free. Full accessibility at all times.



20,500 +

GRP PANEL TYPE WATER TANKS SUPPLIED AND INSTALLED OVER THE LAST FIVE DECADES

900 +

REGULAR CLIENTS

25 +

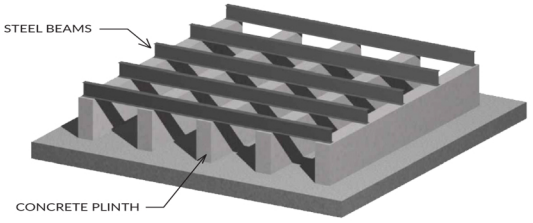
QUALITY CERTIFICATION AND COMPLIANCE

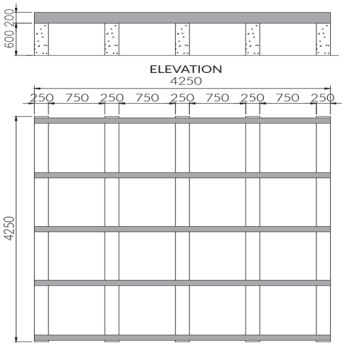
Steel Support Beams

Steel Beams

Solico provides Structural Steel (optional: Hot Dipped Galvanized or 3 coats of Epoxy system or Red Oxide with Grey enamel) Beams and angles for more than 1mH tanks.

For 1.5 and 2mH

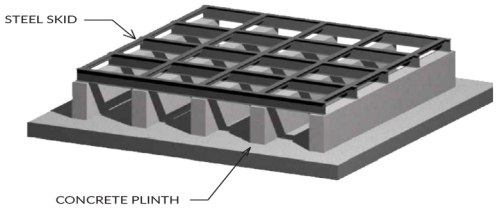


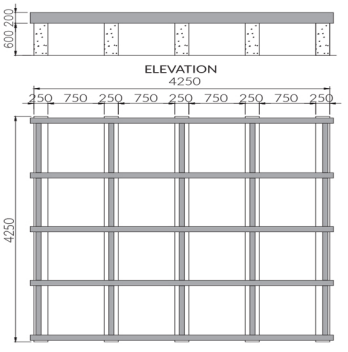


Plan View (Example for 4x4x2mH tank)

Steel Skid

For 2.5 to 5mH



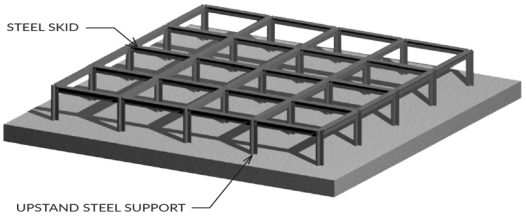


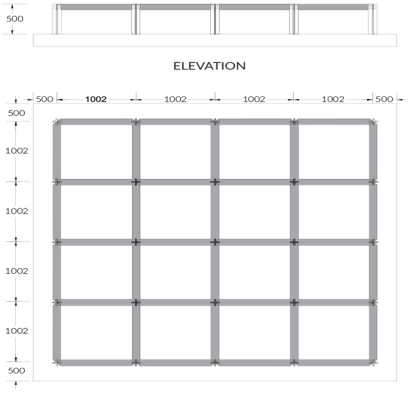
Plan View (Example for 4x4x4mH tank)

Steel Upstand Support

To Avoid Concrete Beams

For 1 to 5mH





Plan View (Example for 4x4x1mH tank)

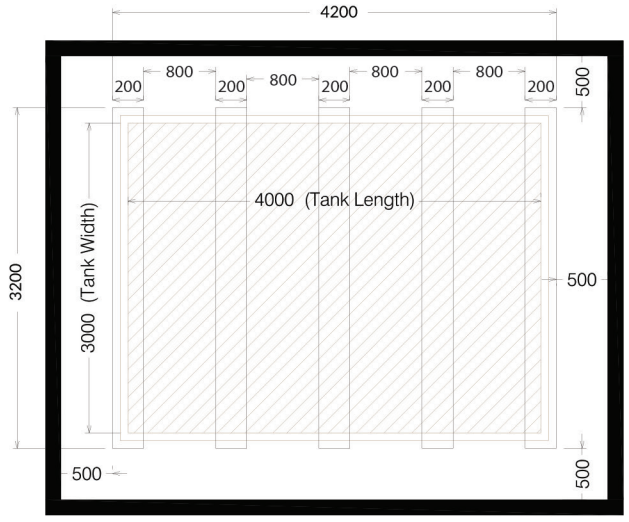
Concrete Foundation

Solico provides shop drawings of the concrete foundations required for each tank to all clients.
Standard size is as follow:
(Length of tank +250mm) x 250mm width x 600mm Height of single concrete plinth.

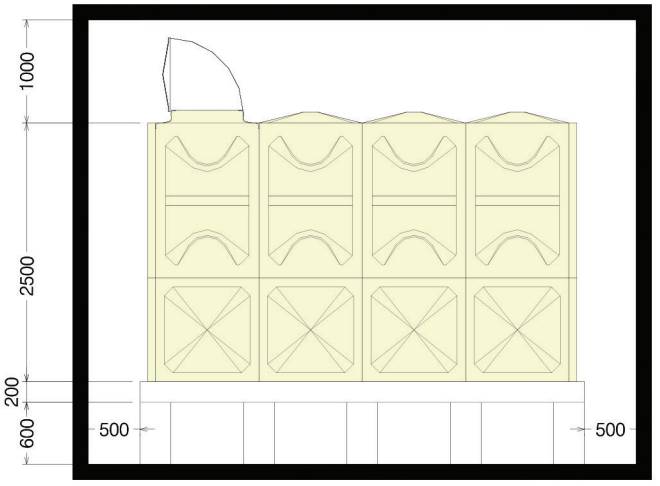
Clearance and Capacities

Minimum space requirement along all sides = 500mm

Minimum space requirement above roof panel for manhole opening = 1000mm



PLAN VIEW

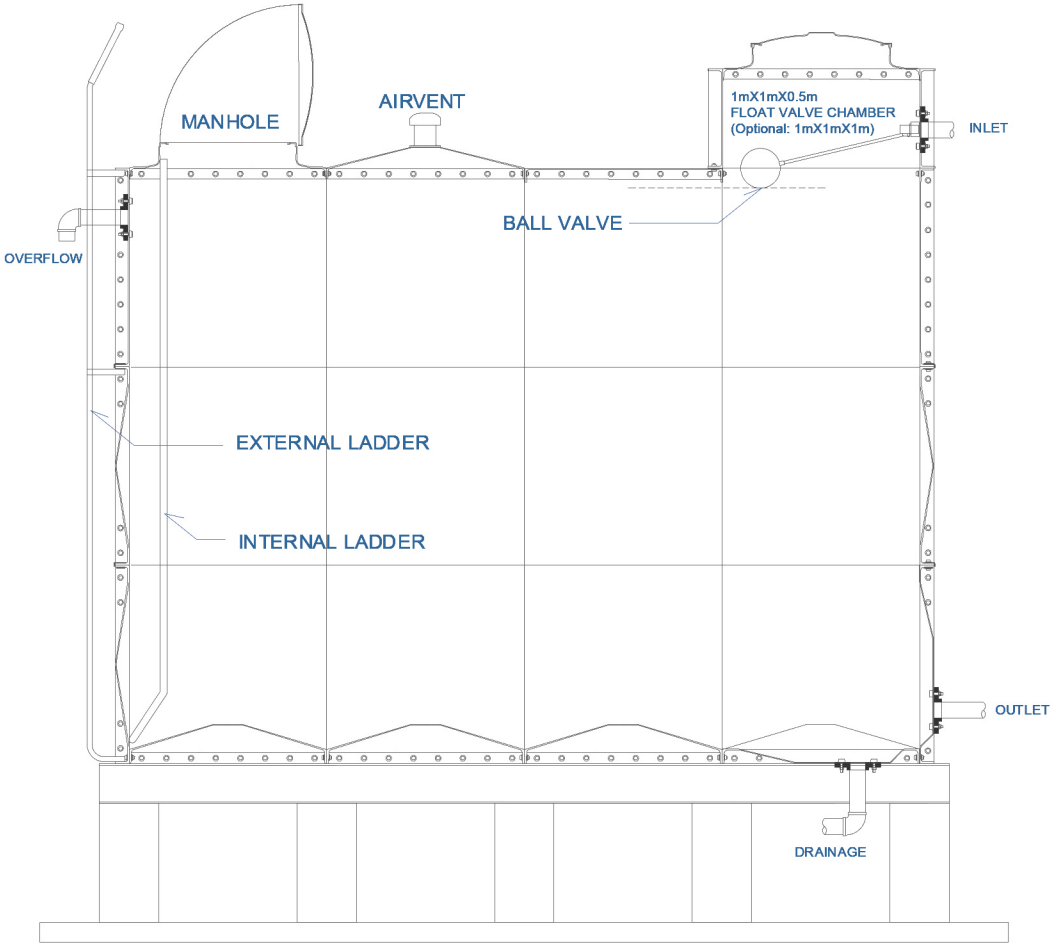


ELEVATION

Typical Tank Dimensions and Capacities												
Volume	Tank Size			Gross Volume			Freeboard	Net Water Capacity			Tank Weight (Kgs)	
(m3)	L	W	H	(USG)	(IMPG)	(Liters)	(mm)	(USG)	(IMPG)	(Liters)	Empty	Full
1	1	1	1	265	222	1,000	250	198	167	750	150	900
2	2	1	1	529	445	2,000	250	397	333	1,500	250	1,750
4	2	2	1	1,058	889	4,000	250	794	667	3,000	350	3,350
8	3	2	1	2,116	1,778	8,000	250	1,190	1,000	4,500	400	4,900
9	3	3	1	2,381	2,001	9,000	250	1,786	1,501	6,750	550	7,300
12	4	3	1	3,175	2,668	12,000	250	2,381	2,001	9,000	700	9,700
16	4	4	1	4,233	3,557	16,000	250	3,175	2,668	12,000	850	12,850
32	4	4	2	8,466	7,114	32,000	300	7,196	6,047	27,200	1,800	29,000
50	5	5	2	13,228	11,116	50,000	300	11,243	9,448	42,500	2,550	45,050
72	6	6	2	19,048	16,006	72,000	300	16,190	13,605	61,200	3,400	64,600
98	7	7	2	25,926	21,786	98,000	300	22,037	18,519	83,300	4,350	87,650
128	8	8	2	33,862	28,456	128,000	300	28,783	24,187	108,800	5,400	114,200
192	8	8	3	50,794	42,684	192,000	300	45,714	38,415	172,800	9,150	181,950
300	10	10	3	79,365	66,693	300,000	300	71,429	60,024	270,000	12,750	282,750
507	13	13	3	134,127	112,712	507,000	300	120,714	101,440	456,300	19,050	475,350
675	15	15	3	178,571	150,060	675,000	300	160,714	135,054	607,500	23,900	631,400
1,156	17	17	4	305,820	256,991	1,156,000	400	275,238	231,292	1,040,400	36,950	1,077,350
1,600	20	20	4	423,280	355,697	1,600,000	400	380,952	320,128	1,440,000	47,600	1,487,600
2,500	25	25	4	661,375	555,777	2,500,000	400	595,238	500,200	2,250,000	68,050	2,318,050
3,600	30	30	4	952,380	800,319	3,600,000	400	857,142	720,287	3,240,000	91,700	3,331,700
5,184	36	36	4	1,371,427	1,152,460	5,184,000	400	1,234,284	1,037,214	4,665,600	124,550	4,790,150
10,000	50	50	4	2,645,500	2,223,109	10,000,000	400	2,380,950	2,000,798	9,000,000	220,200	9,220,200
12,500	50	50	5	3,306,875	2,778,887	12,500,000	400	3,042,325	2,556,576	11,500,000	275,250	11,775,250

Flange Connections

The specially designed piping panels provide easy and safe pipe works for tanks. Typical Tank Connections are shown below.



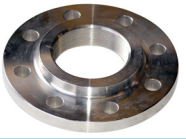
**Overflow should be at least twice the size of inlet and shall flow freely without obstruction.*

TYPE OF FLANGES

PVC BOLTED FLANGE

BRASS SOCKET FLANGE

HDG BOLTED FLANGE



STAINLESS STEEL BOLTED FLANGE

GRP BOLTED FLANGE

RUBBER CAPPED BOLTS FOR FIXING FLANGES

RECOMMENDED FLANGE SIZES

SIZE OF TANKS		INLET		OUTLET		OVERFLOW		DRAIN	
1m³- 5m³	Up to 1,300 USG	25A	1"	50A	2"	65A	1½"	40A	1½"
6m³- 10m³	Up to 2,600 USG	40A	1½"	65A	2½"	65A	2½"	40A	1½"
11m³- 20m³	Up to 5,300 USG	40A	1½"	65A	2½"	65A	2½"	40A	1½"
21m³- 50m³	Up to 13,200 USG	50A	2"	80A	3"	80A	3"	40A	1½"
51m³- 100m³	Up to 26,500 USG	80A	3"	100A	4"	125A	5"	50A	2"
101m³- 200m³	Up to 53,000 USG	80A	3"	150A	6"	125A	5"	50A	2"
201m³- 500m³	Up to 132,000 USG	100A	4"	200A	8"	150A	6"	80A	3"
Over 500m³	Over 132,000 USG	100A	4"	200A	8"	150A	6"	80A	3"

Comparison with Other Types of Tanks

Solico Panel Tanks have major advantages over other types of conventional tanks.

Comparison Chart For Different Types of Water Tanks				
FEATURE	GRP	CONCRETE	PLASTIC	STEEL
Hygiene and Water Quality	✓✓	~	~	X
Flexibility	✓✓	X	X	~
Relocation	✓✓	X	X	~
Water Tightness	✓✓	X	✓	✓
Strength & Durability	✓✓	~	X	~
Easy and Fast Assembling	✓✓	X	~	~
Ease of Transportation	✓✓	X	X	~
Thermal Conductivity	✓✓	✓	✓	X
Drainage	✓✓	~	~	✓
Value Parameters	Excellent	Good	Average	Poor
	✓✓	✓	~	X

KEY CHARACTERISTICS

- Solico Brand Existance Since 1966
- International Quality (WRAS-UK and ISO 9001:2008) Certifications
- Isophthalic Unsaturated Polyester Resins to ensure hygenically safe product
- Trained Crew with 30 years installation experience
- Bridgestone Japan Manufacturing Technology, German Machinery and Moulds
- UV Rays Protection
- Finite Elements Aided Computerized Design and extensive Structural Design Study
- World biggest GRP Tank installation award at Dubai International Airport
- Iconic huge facilities at Jebel Ali Industrial Area, United Arab Emirates
- Big Stock availability and computerized massive warehouse for immediate delivery
- Large Production Capacity of more than 6,000 tons of SMC panels per year
- Mechanically, Chemically and Bacteriologically tested panels and accessories
- Producer for many major brands around the globe.

Our Warranty Promise

Solico Panel Tanks are fully warranted for a period of 10 years. The Solico Group of Companies standing behind the design, manufacturing, installation and product warranty have been in the market **since 1966** with **50 years** of experience in similar fields and more than **30 years** in GRP Panel Tanks.

UNITED ARAB EMIRATES
MINISTRY OF PUBLIC WORKS
TENDERS & CONTRACTS DEPT

Supplier Registration Certificate

Registration No : 108201 - 4

Commercial Name : SOLICO TRADING LLC
Address : Dubai
Phone : 042665544
PO . Box : 19949
Fax : 042693345
Registration Fields : Supplier Renew

GOVERNMENT OF DUBAI
DUBAI MUNICIPALITY

ATTESTATION OF CONFORMITY

ISSUED TO : SOLICO TRADING CO. (L.L.C.)
P.O. BOX 238657 JEBEL ALI INDUSTRIAL AREA
DUBAI, U.A.E.

PRODUCT(S) DESCRIPTION : SOLICO GRP PANEL TYPE WATER TANKS MANUFACTURED USING HOT PRESS MOULDING PROCESS

MANUFACTURED BY : SOLICO FIBER GLASS FACTORY (L.L.C.)
JEBEL ALI, DUBAI, U.A.E.

APPLICABLE STANDARD SPECIFICATIONS / REQUIREMENTS : BS 6920-1: 2000 or 2014 "Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water"

CONFORMITY CERTIFICATE DETAILS :
CERTIFICATE NUMBER : 1601505

BUREAU VERITAS Certification

Certification
Awarded to

SOLICO FIBER GLASS FACTORY L.L.C.
P. O. BOX 61426, JEBEL ALI, DUBAI,
UNITED ARAB EMIRATES

Bureau Veritas Certification certify that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standard detailed below

Standard
ISO 9001:2008

Scope of Certification
DESIGN AND MANUFACTURING OF
GLASS REINFORCED PLASTICS (GRP) COMPOSITES PRODUCTS.

Certification cycle start date: 4TH APRIL 2013

Subject to the continued satisfactory operation of the organisation's Management System, this certificate expires on: 3RD APRIL 2016

Original certification date: 4TH APRIL 2007

Certificate No. IND13.9755U/Q/1

SERAY TOPAL

Our Ref: HL/M120314
Test Report: MAT/LAB 201C

WRAS
Water Regulations Advisory Scheme

12th September 2012

Solico Fiberglass Factory,
Jebel Ali Industrial Area,
Dubai,
UAE

WATER REGULATIONS ADVISORY SCHEME (WRAS)
MATERIAL APPROVAL

The material referred to in this letter is suitable for contact with wholesome water for domestic purposes having met the requirements of BS 6920-1:2000 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water'.

The reference relates solely to its effect on the quality of the water with which it may come into contact and does not signify the approval of its mechanical or physical properties for any use.

GLASS REINFORCED PLASTICS (GRP) - MATERIAL ONLY 5125

Solico. compression moulded GRP panels. For use with water up to 60°C.

APPROVAL NUMBER: 1007539
APPROVAL HOLDER: SOLICO FIBERGLASS FACTORY

NSF International
789 N. Dixboro Road, Ann Arbor, MI 48105 USA

RECOGNIZES

Solico Fiberglass Factory LLC
United Arab Emirates

AS COMPLYING WITH NSF/ANSI 61 AND ALL APPLICABLE REQUIREMENTS.
PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE
AUTHORIZED TO BEAR THE NSF MARK.

NSF

ANSI

Certification Program Accredited by the American National Standards Institute

Certification Program Accredited by the Standards Council of Canada

This certificate is the property of NSF International and must be returned upon request. This certificate remains valid as long as this client has products in NSF's Official Listings for the referenced standards. For the most current and complete Listing information, please access NSF's website (www.nsf.org).

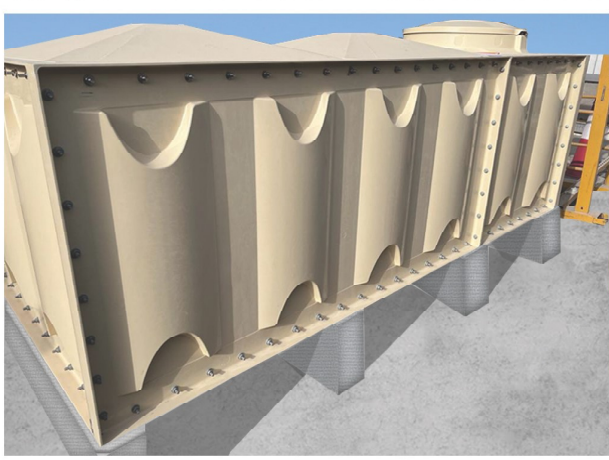
October 20, 2017
Certificate# C0363104 - 01

Theresa Bellish
General Manager, Water Systems

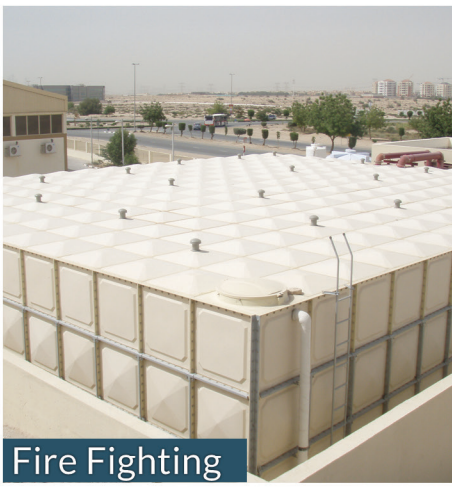
PROJECTS

PROJECT GALLERY

Solico has completed many prestigious projects for the Private, Commercial, Industrial and Government sectors throughout the world which includes Airports, Hospitals, Laboratories, Schools, Palaces, Hotels, High Rise Buildings, Water Treatment Plants and Residential Connections.



Oil & Gas


Fire Fighting

Commercial

Residential

Irrigation

Schools

R.O. Plant

We Supply Across the World

SOLICO established in the U.A.E. in 1966 is a company with international presence in the Middle East, Europe, USA, Australia, and Asia specializing in the Manufacturing, Trading, Contracting, Investments and Philanthropy; offering our expertise to governments, corporations and individuals to achieve their objectives. Solico has completed many prestigious projects for the Private, Commercial, Industrial and Government sectors in the Emirates which include Airports, Hospitals, Laboratories, Schools, Palaces, Hotels, High Rise Buildings, Water, Networks and Residential Connections.

RECYCLE
REUSE
REDUCE

Think Green

Solico emphasizes on the 3R's policy for environmental protection i.e. Reduce, Reuse and Recycle. Apart from drinking, water is used for cooking, washing, bathing and other household purposes. If the quality of storage Water tank is neglected over the years, it can be a breeding ground for bacteria, germs and polutants. Thus, paving the way for entry of water-borne diseases into your home and affecting the health of your family members.

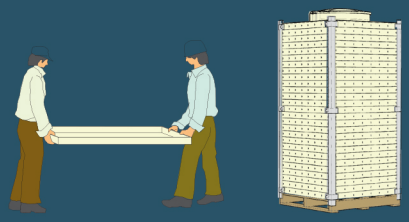
Solico Panel Tanks are designed to be free from ChloroFluroCarbon (CFC) and HydroChoroFluroCarbon (HCFC). Free from any Lead and asbestos content, as well as free from bacteria, corrosion, styrene and algae growth hence they reduce the chances of quality damage to stored water and reduce the chances of sickness caused by poor storage of water. Water-borne diseases like cholera, typhoid fever, diarrhea and hepatitis are preventable diseases if safe stored drinking water is provided to human kind.

Solico Panel Tank reduces the cost of ownership for storage tanks as the average life of Solico Panel Tank is 40 years. Solico Panel Tanks require less time, manpower and tools for the installation. They are light in weight hence efficient to reduce the transportation and energy consumption.Solico Panel Tanks don't require any special materials and machinery for installation hence reduce the waste of energy.

Solico Panel Tanks have a long average life as compared to other storage tanks and have the feature of relocation by simply dismantling its panels hence can be reused and recycled even after shifting to a new location. Solico Panel Tanks have the feature of extendibility means as the storage requirement increases, the size of tank can be increased by reusing the old panels instead of their disposal.

Caution and Maintenance

Safe delivery



Should be safely transported and stored

No flame or heavy load

Timely inspection

- Piping
- No leakage
- No overload
- No harm material around
- Tightening of bolts

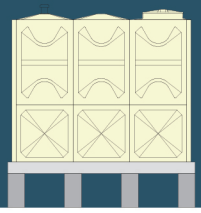
Jan ☑ Jul ☑
Feb ☑ Aug ☑
Mar ☑ Sep ☑
Apr ☑ Oct ☑
May ☑ Nov ☑
Jun ☑ Dec ☑

Timely cleaning

During cleaning maintain water at other side. Clean with sponge, soft material. no wire brush or hard material to clean.

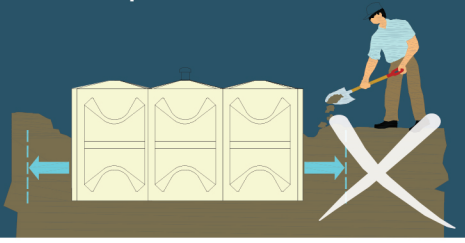
January ☑
July ☑

Stick with Original Parts

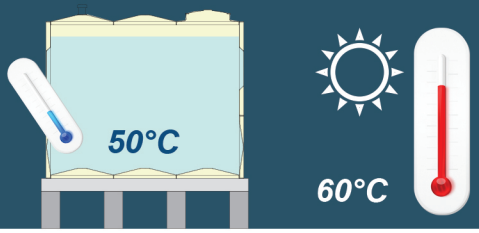


Original parts by SOLICO

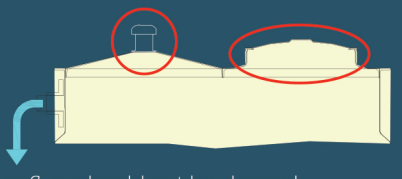
Do not bury keep all sides clear



Max temperature

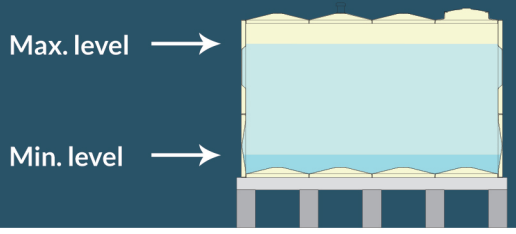


Keep manhole tightly closed and do not block airvent and overflow

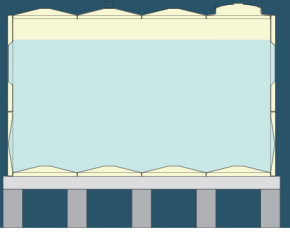


Overflow should not be clogged

Maintain water level



Use water only



5 < pH < 9

"SOLICO PANEL TANKS ARE DESIGNED TO MAKE A DIFFERENCE"

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