Supreme®
People who know plastics best

Total Piping Solution

75 YEARS OF EXCELLENCE

WATER Storage Solutions

The Supreme Industries Ltd. is an acknowledged leader of India's plastic industry. It is credited with pioneering several path breaking products and has gained a valuable experience in providing innovative and cost effective piping solutions. The Company has been a trend setter and a torch bearer in the transition from conventional to advanced plastic piping products in the country. The Company's objective is to meet the growing needs of its clientele in water and waste management and in infrastructure sector through a specially designed high performance range of piping products. The innovative product portfolio offered by Supreme is extensive in nature and applications. With its range of over 7500 products, the most comprehensive in the piping industry, Supreme caters to almost every conceivable need and application in piping.

Having successfully introduced various innovative plastic piping products for different application segments, we have recently introduced storage water tanks under the brand names, SILTANK and AMRUTAM. While Siltank variety of tanks are overhead water storage and loft tanks, the Amrutam water tanks are underground water storage tanks. Like all our other products, these tanks are much superior to any conventional water tanks or substandard quality of plastics tanks available in the market in terms of functionality, durability and aesthetics. We have, with such products, provided a complete water storage solution to our customers.

FIRST TIME IN INDIA - FOUR LAYERED INSULATED TANKS!

Unique features

- Use of virgin raw material
- 100% Safe for drinking water
- Full capacity guaranteed
- UV - stabilized
- Rotationally moulded
- Strong and durable
- Simple and quick installation

Jeevan bhar ka saath...

SILTANK®
Strong, sturdy and long lasting

Overhead Water Tanks and Loft Tanks

Advanced features

- **Rotationally moulded for maximum strength and better performance.**
- **100% Virgin raw material-** Promises superior quality and a long lasting performance.
- **Strong and durable -** Unique and innovative design of the ribs makes it strong and sturdy as compared to regular products available in the market. This unique feature gives an edge to the Siltank over others preventing it from bulging when filled with water. Siltank has a very good impact strength and is virtually unbreakable.
- **Thermal insulation -** Provision of a foam layer in the tank improves the insulation and keeps water cool in summers. It also prevents water from getting too cold in winters maintaining a temperature difference of around 15°- 20° C from the environment.
- **UV stability -** UV stabilization prevents degradation of material due to adverse effects of ultraviolet rays and ensures that there is no cracking or loss of physical properties.
- **Suitable for drinking water -** Use of food grade virgin plastic ensures its suitability for potable water as the quality of water does not get affected even when stored for a long period.
- **Easy installation -** Built in provision of hooks for lifting the tank to higher floors, makes installation comparatively easy.
- **Strong covers -** Specially designed injection moulded covers are much stronger and their simple threaded design is much better for opening and closing.
- **Full capacity guaranteed -** Unlike commercial tanks the storage capacity of Siltank is at least equal to the stated capacity. You get what you see.
- **Rigorously tested to ensure the quality. Meets and exceeds all quality parameters as specified in BIS.**

First layer in white
UV stabilized, non colour fading layer which provides structural strength.

Second layer in black
To prevent entry of sunray's inside the tank causing algae formation.

Third layer of foam
Insulation layer to maintain water temperature inside the tank. Helps to keep water cool in summers and preventing it from getting too cold in winters.

Fourth layer in white
Use of food grade plastic makes it highly suitable for potable water.

Product range

Overhead water tanks variants

(As per the Company standards)

Two layered and three layered tanks - 200, 300, 500, 750, 1000, 1500, 2000, 3000 and 5000 ltrs capacities.

Four layered water tanks - 200, 300, 500, 750, 1000, 1500 and 2000 ltrs capacities.

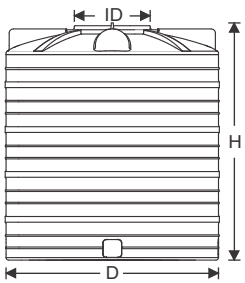
Colour codes: 2 layered tanks in black colour, 3 layered tanks in blue, brown, green, yellow and white colours, 4 layered tanks in white and yellow colours.

BIS Variety: 200, 300, 500, 700, 1000, 1500, 2000, 3000 and 5000 ltrs capacities black tanks in two layers

Loft tanks - 100, 150, 200, 300, 400 and 500 ltrs capacities.

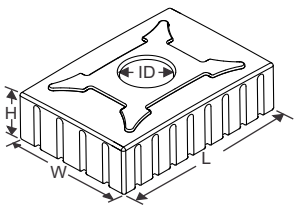
Overhead water tanks

Size (ltrs)	Layers	Dimensions		
		D	ID	H
200	2/3/4	704	370	703
300	2/3/4	769	370	833
500	2/3/4	868	370	1060
700	2/3/4	1000	370	1168
1000	2/3/4	1071	370	1325
1500	2/3/4	1267	370	1454
2000	2/3/4	1434	460	1503
3000	2/3	1611	460	1733
5000	2/3	1936	460	2047



Loft tanks

Size (ltrs)	Dimensions			
	L	W	H	ID
100	585	585	373	300
150	715	715	371	300
200	900	500	475	300
200	965	705	385	300
300	1205	825	378	300
400	1195	920	450	300
400	1290	1004	390	300
500	1415	870	490	300
500	1505	996	408	300



Installation guidlines

1. Provide a full bottom levelled support wherever necessary.
2. Before installation, ensure that the top surface of the bottom support is plain and free from any sharp stones or metal pieces.
3. Outlet connections should be drilled at least one inch from the bottom.
4. Ensure proper support for inlet(s) and outlet(s) pipes to avoid undue pressure/stress on the tank body.
5. Use drill machine to make the holes on the tank and ensure that holes are of proper size.
6. Never allow tank to remain dry for long duration once it is put to use.

Amrutam
A hygienic way of water storage

Underground Water Storage Tanks

The Supreme Amrutam underground water storage tanks are designed to provide a better substitute for existing conventional concrete and masonry tanks. Conventional underground tanks are associated with multiple problems of cumbersome construction, cracks, seepage, root penetration, repeated maintenance, production of harmful gases and an uncertain life span. Supreme Amrutam underground water tanks, on the other hand, are free from such problems and offer some additional features.

Product range

We offer underground water tanks in sizes ranging from 1000 to 30,000 ltrs capacities. Underground water tanks up to 3000 ltrs are offered in a vertical design whereas the tanks of capacity above 6000 ltrs are modular and horizontal in design. Different modular units can be connected with each other to increase capacity up to 30,000 ltrs. The dimensions and product details are given in the table.

Unique features

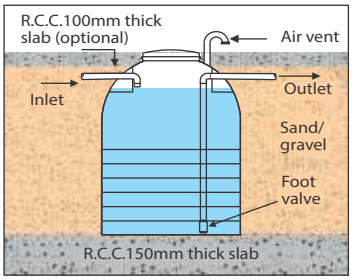
- **Rotationally moulded**
- **Unique single piece patented design**
- **Great strength-** Robustly designed with unique rib structure.
- **Simple and quick installation**
- **100% watertight**
- **Hygienic and safe-** Free from root penetration, corrosion and biological growth.
- **Minimal space requirement**
- **Minimal maintenance requirements**
- **Long life-** A minimum of 50 years of service life is assured.
- **Eco-friendly**

**** Available from 1000 to 30,000 ltrs capacity***

Installation procedure

Underground tanks - Vertical design

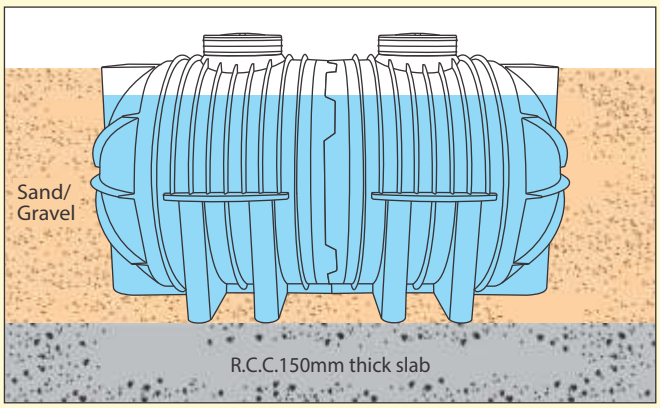
Capacity (ltrs)	Diameter (m)	Height (m)
1000	1.2	1.321
1500	1.2	1.692
1800	1.2	2.052
2000	1.7	1.301
3000	1.7	1.748



1. Excavate a pit approximately 600mm larger than the diameter of the tank.
2. Prepare a 150mm(6") thick bed of granular material and compact it properly. Ensure that the base of the pit is smooth, flat and sufficiently hard to form a solid foundation for the tank and no sharp object/stone etc. is protruding which could puncture the tank.
3. Lower the tank into position in the pit ensuring that it is vertical, centrally positioned, correctly aligned and levelled.
4. Fill the tank with tap water up to 1/3rd of its capacity before starting backfilling, Backfilling and water filling should be carried out simultaneously ensuring that the backfilling level never exceeds the rising level of water within the tank until the water reaches the maximum level. The width of the backfilling should be minimum 300mm(12") around the tank. Only selected inert granular material, that is, sand/stone dust/ gravels (max size 10mm) should be used as backfill material and compacted to 90% Proctor density. It is particularly important to note that excavated material consisting of rock, peat or clay is not used as backfill material.
5. When the level of the backfill reaches the underside of the inlet pipe invert, inlet and outlet connections should be made.
6. Select the appropriate cover as per the site loading conditions and place it on the top of the tank. In case of pedestrian movement, plastic cover filled with concrete is recommended. In case of vehicular traffic, GRP cover of appropriate load class, with 150mm thick PCC (min M150 grade) beneath the cover frame for full width of tank is recommended.
7. In case of modular tanks, a firm and a stable base or a flat cast-in-situ 150mm thick concrete slab is necessary. It will also help distribute the weight of the full tank like a raft. *(For more details please refer to the user guide supplied with the product.)*

Underground tanks- Modular design

Capacity (ltrs)	Combinations	Length (m)	Diameter/ height (m)
6000	Stand alone	2.4	2.2
10000	2 domed ends coupled	3.8	2.2
14000	2 domed ends + 1 Intermediate section	5.2	2.2
18000	2 domed ends + 2 Intermediate sections	6.6	2.2
22000	2 domed ends + 3 Intermediate sections	8.0	2.2
26000	2 domed ends + 4 Intermediate sections	9.4	2.2
30000	2 domed ends + 5 Intermediate sections	10.8	2.2



• *For detail installation procedure of modular water tanks, please refer to our installation guide.* • Where abnormal conditions occur such as vehicular traffic, rock, black cotton soil or high water table is anticipated or when the backfill above the lid exceeds 1000mm, detailed guidelines should be referred and the final design rests with the engineer or architect on the project. • *All the tanks are supplied with threaded lid, in case of modular tanks they are supplied with connecting pipes and rubber seals for connection of adjoining modular units.*

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