

Quality ka dusra naam "DBC"



DBC[®]

UNDERGROUND WATER STORAGE TANKS



Manufactured By :

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UNDERGROUND WATER TANKS

To meet the water scarcity challenges and increasing population our country needs to conserve water. Underground solutions are the one step towards the water conservation. Beside that ability to relocate is also unique feature which saves money and valuable time to build facilities.

UNIQUE FEATURES

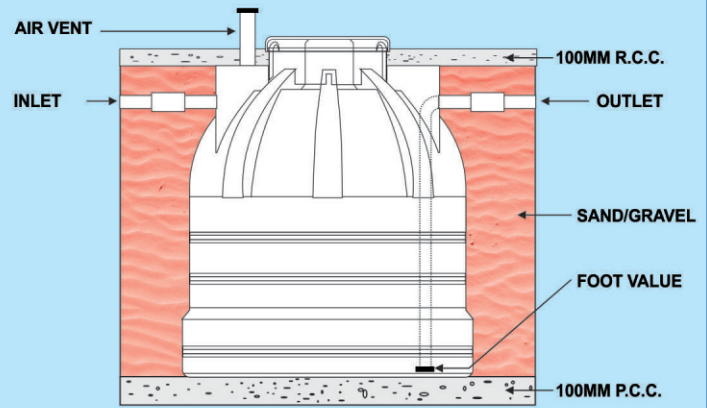
- Strong & Durable.
- Long Life.
- Eco-friendly.
- Rotationally moulded, one-piece construction.
- Unique design.
- Great strength.
- Rust proof and leak proof.
- Simple and quick installation.
- Excellent chemical resistance.
- Hygienic and suitable for drinking water.
- Minimal maintenance.
- Easy handling.
- Airtight cover prevents contaminants to flow into the tank.
- Resistant to fungus and bacterial growth.
- 100% virgin material.
- Food grad inner layer.

PRODUCT RANGE

We offer underground water tank in two size, i.e, 1000 Liters and 2000Liters capacity in modular vertical design.

- **Brand : DBC®**
- **Colour : Black**
- **Layer : Two Layer**

TYPICAL SECTION OF UNDERGROUND WATER TANKS



GUIDELINES FOR ABNORMAL CONDITIONS

- In case of marshy/black cotton and loose soil, or where the water table is a problem, excavated soil is not recommended. For backfilling, a cement-stabilized backfill mix of 5% cement and 95% inert granular material must be compacted in 100mm thick layers to 90% Proctor density and 6" thick P.C.C. with nominal steel enforcement is recommended at the top.
- In case of soft murrum, it can be used as backfilling material with proper compaction (90% of Proctor density), in 150mm thick layers.
- Care should be taken to avoid direct contact of sharp edged objects with the tank.
- In case of high water table areas, under ground water tanks should be anchored in concrete as per the guidelines of engineer in charge.
- **DBC®** underground water storage tanks are not designed to be buried more than 0.5m below ground level. If depths are greater than 0.5m, please refer to site engineer/architect.
- In case of abnormal conditions like vehicular traffic, rocks, black cotton soil, or when the high water table is anticipated or when the backfill above the lid exceeds 0.5m, the final design rests with the engineer or architect on the project. However guidelines given herewith must be strictly followed for satisfactory performance.

SPECIFICATIONS OF UNDERGROUND WATER TANKS :



Capacity (In Liters)	Dia (In MM)	Height (In MM)	Manhole Dia (In MM)
1000	1335 mm	1020 mm	445 mm
2000	1335 mm	1760 mm	445 mm