

*Quality ka dusra naam "DBC"*



# DBC<sup>®</sup>

## SEPTIC TANKS



Manufactured By :

**DHARAM BHAGWATI CONTAINERS PVT. LTD**

NH-33, Mango, Jamshedpur-831018 Jharkhand

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## SEPTIC TANKS

The "DBC" septic tanks are designed to provide a better substitute to existing conventional brick and mortar septic tanks or tanks made out of Hume pipes. Conventional septic tanks are associated with multiple problem of corrosion and leakages thereby polluting soil and ground water. Beside cumbersome and time consuming construction and repeated maintenance requirements, the life span of these concrete tanks is short and uncertain. On the other hand "DBC" septic tanks are free from the above problems and offer many outstanding features.

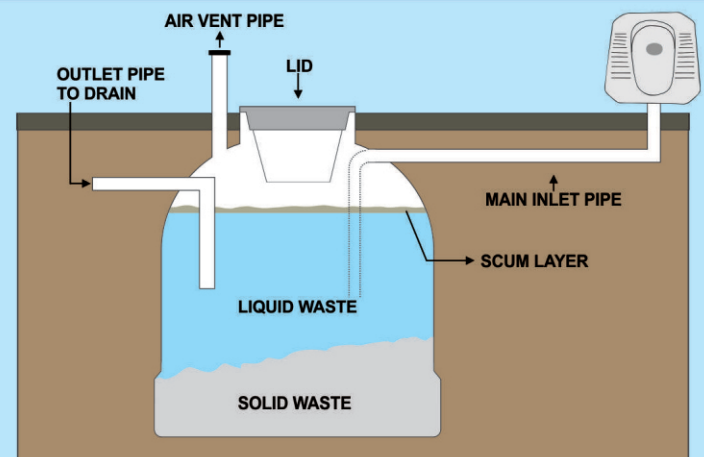
## UNIQUE FEATURES

- 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 safe.
- Easy handling.
- Minimal maintenance.
- Strong and durable.
- Long Life

## OTHER FEATURES OF "DBC" SEPTIC TANK

- Free from corrosion and subsequent infiltration and ex-filtration problems,
- No root penetration.
- Minimum space requirement - Being available in ready to use form and verticle in design, these tanks can be installed in minimum space. with minimum excavation.
- Can be relocated.
- Eco-friendly.

## TYPICAL SECTION OF SEPTIC TANKS



## GUIDELINES FOR ABNORMAL CONDITIONS

- In case of marshy/black cotton and loose soil, or wherethe 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 250mm thick layers to 90% Proctor density and 6" thick R.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, septic tanks should be anchored in concrete as per the guidelines of engineer inchagre
- **DBC** septic 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 guidlines given herewith must be strictly followed for satisfactory performance.



**PRODUCT RANGE**

We offer septic tank in two size, i.e, 1000 liters and 2000 liters capacity in modular vertical design.

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



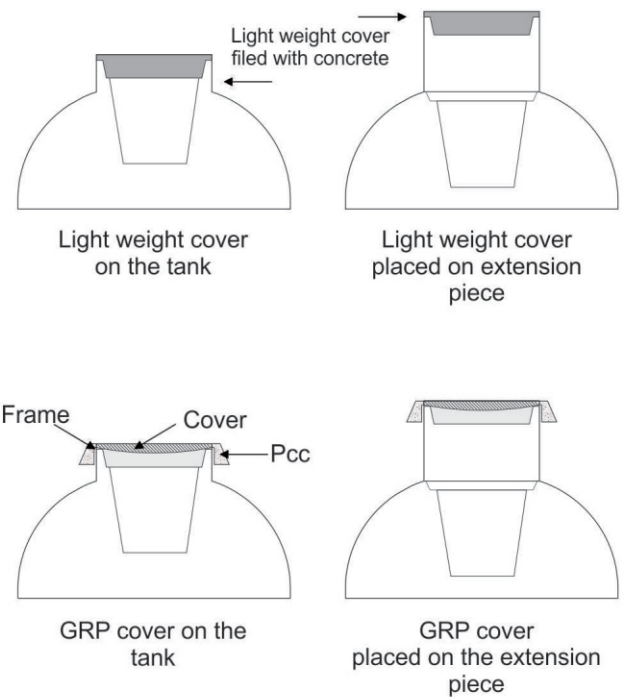
**COVER SOLUTION**

All the varieties of septic tanks are supplied with a plastic cover. This rotational moulded light weight cover can be directly fitted on the tank and should be filled with Plain Cement Concrete (PCC). This economical version of cover can be used in areas where air or water tightness is not required.



**PROVIDING COVER/LID**

Select the appropriate cover as per the site loading conditions and place it on the top of the tank. In case of pedestrain movement where vehicular loads are not expected, plastic light weight cover is recommended. This plastic cover should be filled with concrete after placing it on the septic tank. For vehicular traffic movement, GRP cover of appropriate load class is recommended. For GRP covers 150mm thick PCC (min M150 grade) beneath the cover frame for full width of tank is recommended. After embedding the frame, place the cover as shown in the figures.



**SPECIFICATIONS OF 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



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# WATER STORAGE TANKS

Our Products :-

- ★ Over Head Water Storage Tanks
- ★ Under Ground Water Storage Tanks
- ★ Water Harvesting Tanks
- ★ Septic Tanks
- ★ Loft Tanks
- ★ Garden Pipes



**DBC ORIENT™**

**DBC UTTAM®**

**DBC HINDBRO™**

**CHETAK®**  
DBC

**DBC®**  
UNDER GROUND WATER STORAGE TANK

**DBC®**  
SEPTIC TANK

**DBC®**  
GARDEN PIPES

**DBC®**  
WATER HARVESTING TANK

**DBC®**  
LOFT TANK



Water storage tank available in 2 layer to 7 layer with or without foam in various colour options.



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