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PLASTIC VS. CONCRETE SEPTIC TANKS

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Septic tanks play a vital role in managing wastewater. For septic installation projects, choosing the correct tank is a crucial decision and one that should not be made lightly. Plastic and Concrete tanks are some of the most popular materials on the market. Lets look at some factors to consider before purchasing a tank.

PLASTIC TANKS

Plastic Septic tanks are becoming a more popular alternative to concrete tanks, because of their light weight and versatility.

ADVANTAGES

- Lightweight and easy to install, fewer individuals are needed to install, which makes for lower installation expenses.
- Cost-Effective. Plastic tanks are a budget-friendly option without compromising quality.
- Corrosion resistant. Plastic tanks are immune to water-based corrosion and are rust resistant.

DISADVANTAGES

- Plastic tanks are not as sturdy as concrete. This means that anything that is driven over the septic tank can crush or damage it.
- Plastic tanks are also sensitive to the environment. In other words they can crack or break due to soil vibrations and root penetration.



SELECTING A SEPTIC TANK

Remember the type of soil at a property is a big factor, as it affects the whole septic system. The size of the home, along with the household water usage is another factor to consider. And remember to take the installation costs. into consideration.

CONCRETE TANKS

Concrete septic tanks have been more of a traditional choice due to the durability and stability.

ADVANTAGES

- Longevity. Cement Septic tanks are very durable and can withstand various environmental factors. And if properly kept can last for decades.
- With traffic rated concrete septic tanks, these can be driven on with no adverse effects from the weight. Since concrete is a stronger material it is less likely to shift or move.

DISADVANTAGES

- The cost of a concrete septic tank is higher to purchase and install, mainly because of the weight.
- Although cement septic tanks are less likely to be damaged. When a repair is needed, they can be more difficult to repair.
- Cement septic tanks can be more susceptible to corrode as they age, especially if they are not well maintained.

There are several factors involved when choosing a septic tank. To ensure the best choice for your situation, Contact Sim Sanitation, Inc. and we will help you choose the right option for your home.

