**Comparing Fiberglass Tanks to Steel, Aluminum or Concrete Tanks**

Storage tanks come in a lot of different sizes, shapes, and construction materials. Whether you need a new tank or just want to replace an existing one, be sure to compare how different tank construction materials stack up.

**Aluminum Tanks**

Aluminum is the third most common chemical element on Earth, after oxygen and silicon. It is no surprise then that this material is often used to create storage tanks. However, aluminum tanks can corrode after just a few years.

Aluminum is also a common element that has been linked to Alzheimer’s disease when used for drinking water tanks.

**Concrete Tanks**

Concrete tanks are manufactured in either molded or plastered processes. Tanks made of concrete are often used in underground commercial wastewater installations. And while concrete is generally strong and long-lasting, it is very heavy making transportation and installation cumbersome for owners. Concrete is highly subject to cracking. This means that concrete tanks can be difficult, not to mention expensive, to maintain and service.

**Steel Tanks**

The best thing that can be said about steel tanks is that they generally have long lifespans. However, steel is heavy and [subject to rust](https://www.wwdmag.com/coatings/protecting-water-storage-tanks-era-environmental-compliance). This is why galvanization is commonly used to give it some resistance to corrosion and rust. Also, zinc can leak into the contents that are being stored in a steel tank. Finally, steel tanks are usually more expensive than other storage solutions.

**Fiberglass Tanks**

Fiberglass tanks are more durable than concrete tanks and are not subject to corrosion and rust like steel and aluminum tanks are respectively. Additionally, fiberglass is relatively light compared to steel and concrete yet it has a relatively strong strength-weight ratio. This is one thing that makes the material a great fuel containment solution, for example.

Considering the many benefits associated with the purchase, installation, maintenance, and durability of fiberglass tanks they are a much more profitable solution, especially for systems of medium to large capacity.