



**FTS** **FLEXITANK**  
**SYSTEMS**

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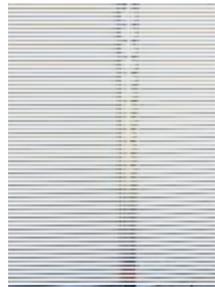
## Aluzinc Tanks



FTS tanks has done the research and has successfully designed and made the Aluzinc tank to store various liquids. This is an industry first and a design registered product. FTS tanks can successfully store the following in the circular Aluzinc Tanks:

- Diesel
- Greywater
- Jet A1
- Paraffin
- Sewage
- Water
- Vegetable oils
- Fish Oils
- Molasses

## Aluzinc Tanks



If you can provide us with the MSDS for your specific liquid we will run a free test to see if it is compatible with our Tanks. We have different Tanks made from specialised materials to ensure safe and durable utilisation. Furthermore we will provide you with a 5 year guarantee, and we pride our self as a business to be on call 24/7 for emergencies and have installation teams on stand by through out Southern Africa.

The design is in accordance to a recognized code of practice, this enables FTS to design various custom water tanks for numerous projects according to specific design codes and standards. The Aluzinc Steel round water Tank is designed to stand up to aggressive wind loads in specific regions where hurricanes, high winds and thunderstorms occurs regularly. The tank shell can be adapted to any bespoke needs, we can adapt the wall sheet thickness, roof sheeting and truss design for a more durable structure when nature comes thundering down.

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The steel panels of the tank are coated with a Aluzinc layer on both sides. The corrugated steel sheet is continuously hot dipped in a formulation of Aluminium (55%) Zinc (43.5%) and Silicon (1.5%). The aluminium components of the coating provide a tough physical barrier between the extreme atmospheric conditions and the inner core steel. Aluzinc has inherent sacrificial properties and corrodes first before the mild steel corrodes.

A lightweight Aluzinc roof designed to withstand wind speeds of up to 100km an hour can cover tanks. Roofs are fitted with a hatch, internal and external ladder for easy access inside the tank. Tank can also be sealed with felt seal to avoid insects, dust contamination.

All commercial an industrial water storage tanks require the construction of a concrete ring beam footing. It is imperative for the client to ensure that the foundation and civil works for the site are adequate. Ring beam design is dependent on the tank size and location.

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The Aluzinc water tank is suitable for a wide range of applications. In the agricultural sector they are ideal for irrigation, stock and poultry use. Additionally, they are widely used in the Industrial and Mining sector, for rural and domestic water storage, grain storage, waste water treatment plants, township development and for storing potable water in security estates. Furthermore, they can be used for certain chemical storage applications depending on the liner type and the chemical being stored. What's more, their exceptional fireproofing qualities make Aluzinc or zincalume tank ideal for firewater storage tanks

Over the years we have been involved with many significant projects within numerous industries. We have established ourselves as a professional, reliable supplier of high-quality steel tanks for a variety of standard and specialised applications.

All our installation and operations are carried out in a safe manner as determined by OHS Act (85 of 1993) and any amendments to it. We take health and safety extremely seriously and all our installation teams are regularly trained and upskilled.

We align ourselves with customers' needs to make their experience quick turnaround time, superior products and after sales-support.



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