

Green Team company produces and delivers complete steel tanks for water or other liquids. We offer 209 basic types of containers, depending on the size and capacity (see table below for series of).

We are also able to order produce and supply the tank with other dimensions not described in the basic offer. Bodies manufactured and supplied by Green Team consist of an outer support structure made with a specially made of corrugated plates of suitable dimensions and thicknesses, that are twisted to the vessel wall. Then the center of the tank teaches special geotextile weight of at least 300g / m<sup>2</sup> . Further we teach vessel previously prepared in the factory ready to impervious material to water or other liquids.

Additionally, it is possible to cover the container with a special material or anti-algae mounted in the reservoir the floating cover, which has the task of separating the container contents from external factors (such as light).

In our tanks use, inter alia, the following materials lining (membranes), such as:

- DelaFlex 0.6mm and 1mm - to all types and kinds of tanks for water, drinking water or liquid contaminants such as sewage, slurry. On this material we give 15-year guarantee for pre-weld and on the resistance of the material for UV radiation.
- PVC KIWA -ATA 0.5 mm - for drinking water.
- PVC Tropic 1mm - For storing pure water in temperate climates.
- ASTRIN 1 mm and 0.5 mm - for the pure water and the impure (water drainage, sewage).
- EPDM 1 mm - pure water, or lightly polluted in cold and hot climate.

and HDPE, HDPE T-lining, LDPE, PVC Re-lining, Polyester secured PVC .

Additionally, we mount depending on the needs, ports made in the wall or in the bottom of the tank. In summary, the tanks manufactured and supplied by Green Team, depending on the applied sealing membrane, can be used as:

- tanks for both deep water and rainwater
- tanks for drinking water
- tanks for fish farming
- tanks for waste water or sewage
- tanks for liquid manure
- tanks for storing various types of liquids and liquid contaminants etc.



**The main advantages of our tanks:**

- stability and high mechanical strength sheet metal
- quick and easy installation
- reusability (disassembly and assembly elsewhere)
- Maintenance-tank
- material and workmanship in accordance with the standards
- the life of the reservoir over 20 years



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## Construction components of Green Team storage tanks

Our steel storage tanks are unique combination of quality, durability and mechanical strength. Specification of high grade steel of Green Team storage tanks:

- Compliance with S550GD+Z600-M-A-E quality standard
- Yield strength S550 means min. 550 MPa
- Galvanized doubleside Z600 means 600 g/m<sup>2</sup>

Steel plates are always galvanized on both sides, and it's possibility of additional coating to protect them from the outside by Solano layer (green) and the paint from the inside.

Bolts, special nuts and washers - needed to mount the tank - are of excellent quality. They are galvanized by many thick layers, zinc thickness is from 12 to 18 microns. The strength of our bolts, washers and nuts in the salt spray test is from 200 to 400 hours, while the standard zinc gives resistance from only from 20 to 40 hours. The bolt has an unthreaded part which has a diameter of 9 mm (thread 8mm) so that the shear strength is comparable to the bolt M11. Our bolts of smaller diameter provide the smaller holes in the plates and we get improved and increased strength of steel plates. Our tanks are available in many diameters and heights which let reach capacity from 5 m<sup>3</sup> to even 3 143 m<sup>3</sup> in a typical solution (it's possible to produce custom tanks in any sizes).

For each tank size appropriate thickness of the sheets is selected. Exact size and capacity table is in the data sheet of storage tanks.

Plates come properly packaged, arranged in order of assembly and secured for transport. Installation is performed easily using simple tools.

