

# Genap<sup>®</sup> Water Storage Tanks

These water storage tanks are distinguishable by their quality, rigidity and mechanical strength. The steel plates used for these tanks have a zinc layer of 20 µm on each side and a high tensile strength. The durable assembly materials are treated with high quality Zincrolyte. This protection guarantees a very high resistance to corrosion.

## Coated Water Storage Tanks

The tank plates are coated on both sides with a Plastisol coating, (dark green) with layer thickness of 200 µm (4 times the standard coating thickness!) which is applied in one production process. What is special about this Duplex coating is that all harmful substances have been omitted, and that it extends the lifetime of a tank by as much as 25-30 years. Practical tests carried out using this coating lasting 10 years have shown that there was no corrosion of the Plastisol coating during that period. Because of this and other evidence it may be assumed that a lifetime of 25-30 years is very likely. As well as the standard silos it is also possible to choose for a partial coating (of the bottom ring) or a complete coating.

## Genap<sup>®</sup> Water Storage Tank Applications

- storage of rain and/or drainage water
- storage of industrial liquids
- buffer storage during soil cleaning projects
- temporary work place or storage place for materials
- biological sand, lava or compost filter

## Tank Liners

The tank liners can be supplied from a choice of different types (depending on intended use) and in a size to suit the selected tank size.



## Aquatex EX black, thickness 0.5 mm and 1.0 mm

Very high quality film, suitable for storage of rainwater or clean water and recirculation water. Aquatex EX is particularly suitable for applications where high requirements are made for the temperature, UV resistance and high chemical/fertiliser/nutrient resistance.

## Aquatex PVC PLUS grey, thickness 0.5 mm

For drinking water quality with high UV resistance, specially for areas with a high number of sun hours (also for use in greenhouses with artificial climate).

## Aquatex PVC black, thickness 0.5 mm and 1.0 mm

For drinking water quality, suitable for storage of rainwater and clean water.

## Aquatex EPDM black, thickness 0.75 and 1.0 mm

EPDM is a synthetic high-tech rubber. EPDM = Ethylene Propylene Diene Monomer. The high elasticity and the high resistance to ozone and UV radiation in particular make this material very suitable for water sealing but also for water capture.

## Draintex black, thickness 0.5 mm

Suitable for rainwater, source water and recirculation / drainage water. UV stabilised.