

Genap water tanks have become a familiar sight in Horticulture. They are a cheap, space-saving and durable solution for the storage of rain- and drainage water. Tanks of corrugated metal panels have many advantages.

Advantages



- Space-saving, large storage capacity per m²
- Easy to cover in order to prevent algae growth
- Easy to equip with auxiliary technical apparatus



Genap tank

The best system for water storage



Features of Genap tank



- Durable and functional water storage system.
- Automatic and controlled manufactory process.
- Fast installation with M12 bolts,nuts and washers.
- Installation parts protected against corrosion with special alloy called “Zincrolyte”.
- Pre coated (inside/outside) on request for longer lifetime.

Durable and functional



- The special characteristics of Genap tank are its quality, the firmness of its shape and its mechanical strength.
- Zinc layer of 275 gr/m², 20 μm on both sides.
- High tensile strength (S280 GD) according to DIN EN10147
- The special properties have been affirmed by the German Ministry of Construction by the certifying, so called “Prufbescheid” (nr II B3 543 - 693)

The process

- From steel coils panels are cut with the size of 3050 x 960 mm.
- A special machine makes the corrugation in the panels. Height 18 mm wide 76 mm.
- Automatic press making oval holes; size 16 x 13 mm.
- Last phase; bending the panels for the exact diameter.



Fast installation, low costs

- Less bolts, nuts and washers per panel.
- Easy installation by using M12 bolts
- Fast installation by using Zincrolyte alloy.



Silo diameters and heights



- Ample choice in diameters and heights
- Diameters from 1,82 till 30,95 meter
- Special diameters for match the span of greenhouses
 - ø4,55 for 4,8 m span
 - ø6,10 for 6,4 m span
 - ø7,85 for 8,0 m span
 - ø9,10 for 9,6 m span
- Heights 0,81m- 1,59m- 2,36m- 3,12m- 3,88m new; 4,64m (till ø14,57m).

Service and support



- Technical information in Dutch, English, German and French language.
- Instructions in Dutch, English, German and French language.
- On request: partly or fully protection with duplex coating.

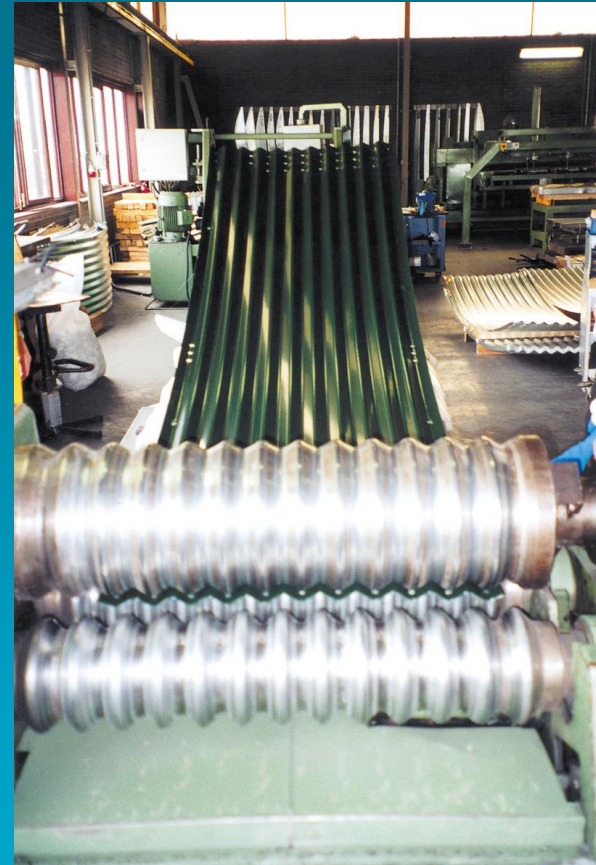
To apply a coating on site can be rather risky

- The panels should be coated before installation
- The panels must be cleaned before painting.
- The panels must be scoured in order to obtain good bonding.
- The panels must be coated on both sides.



Advantages for pre coating

- Better quality, coating apply under factory conditions.
- Coating on both sides.
- Longer lifetime.
- Savings on hidden assembly costs.



The duplex coating system

- Zinc layer of 20 μm .
- Polyurethane coating
- Layer thickness 40 – 60 μm
- Colour RAL 6009 dark green



Package

- All panels are sealed at the top
- Maximum pallet weight 1500 kg.
- Each panel has a sticker with information.
- With every tank installation instructions are enclosed





Genap tank

Installation instructions

General instructions

- Sufficiently and stable surface.
- A layer of sand of minimal 10 cm.
- Concrete slabs, joint together in a circle.
- Enough distance from water gates and buildings.

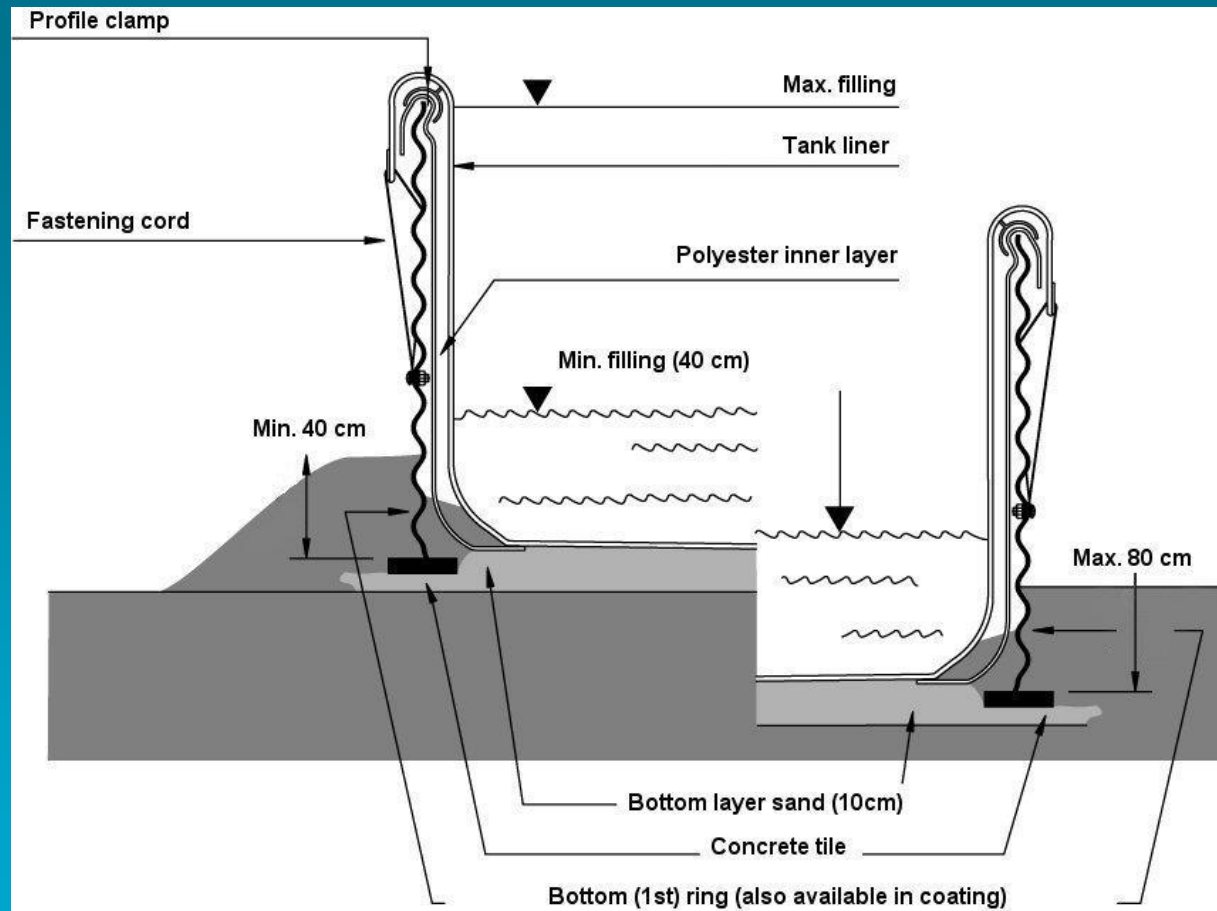


Digging in of tanks

- Max depth 80 cm.
- Minimal 20 cm above the level of groundwater.
- Free area around 50 cm.
- Pre coated panels, on both sides, are necessary.

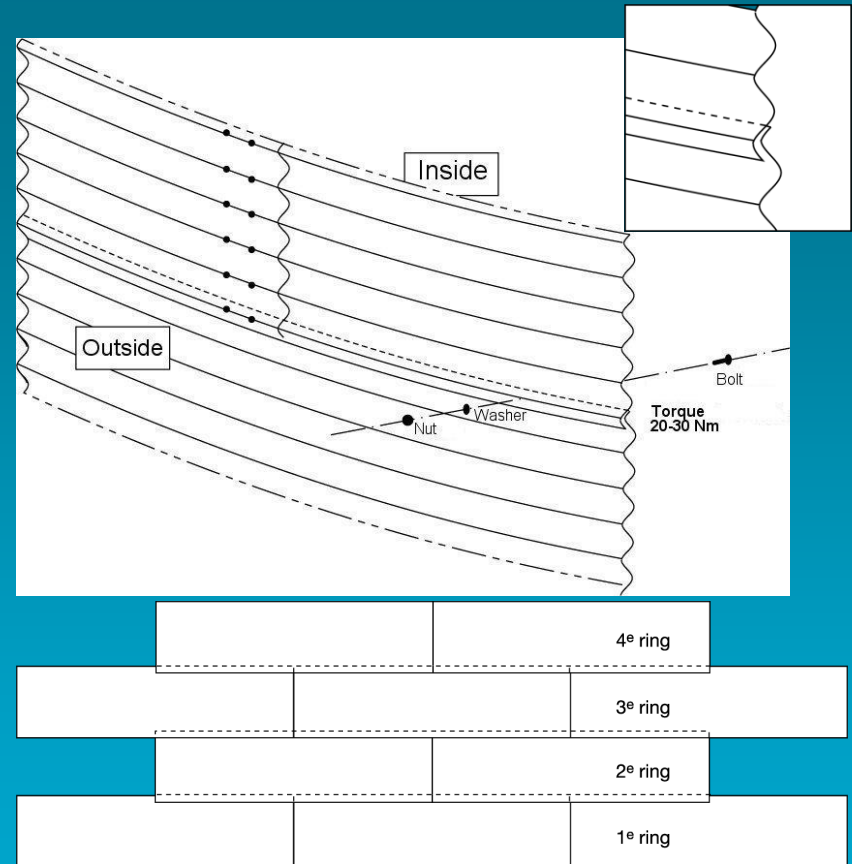


Vertical cross section



Installation of the tank

- Check the panels on corner bending.
- Be sure each ring is mounted as overlapped panel.
- The nuts and washers are installed on the outside of the tank.
- Finally check for possible damages to the zinc or duplex coating.



Advantages of Genap tank



- High mechanical strength by using special steel panels Quality: S 280 GD
- Low installation costs: Less bolts, use of bolt size M12, less weight, duplex system
- Assembly materials with Zincrolyte alloy, better fixing.
- Longer lifetime with duplex system.
- Fast supply, 15 workingdays ex works. Coated tanks 20 days ex works

Advantages of Genap tank

The background of the slide features a photograph of two large, cylindrical industrial storage tanks. The tanks are made of corrugated metal and are situated in an outdoor setting. The lighting suggests a bright day, with some shadows cast on the ground. The tanks are positioned in the upper right portion of the slide, behind the main title.

- Own production and engineering for special applications and strength calculations.
- Ample choose in diameters and heights
- Special sealed package.
- Instructions and technical information in several languages

Genap tank

**An excellent and recognizable product from
Holland**



Liners: Reservoirs and tanks

- **Aquatex[®] EX:**
 - high temperature resistance
 - low specific weight
 - very high UV and chemical resistance
 - long guarantee period
 - **Aquatex[®] PVC:**
 - reliability for years
 - proven quality and glueable
 - **Aquatex[®] PVC Plus:**
 - high UV resistance
 - **Firestone EPDM 1,02mm(reservoirs)**
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PRODUCT Systeminstallation

