



MORSELT Borne BV provides storage and pickling baths out of thermoplastics. In many branches of industry, our products have already found an application.

The services Morselt Borne offers:

- Meetings on location
- Technical advice and support
- A customized quote
- The supply of tanks
- The possibility to install and commissioning

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MORSELT

WATERTECHNIEK

Morselt Borne BV provides storage tanks, process tanks and pickling baths out of thermoplastics.



Our most commonly used materials;

- PE80, PE100, PE100RC
- PP-H
- PVC
- PVDF

- **Chemical industry**
- **Automotive industry**
- **Pharmaceutical industry**
- **Food industry**
- **Power engineering**
- **Environmental protection**
(drinking water – and sewage treatment)

We turn wastewater into, waste AND water

MORSELT

WATERTECHNIEK

MORSELT STORAGE TANKS

Depending on the situation, the customer can choose one of these storage tanks:

• **Single-walled tank**

This solution is used when the tank can be installed into an existing collecting basin.

• **Double-walled tank**

If the tank cannot be placed in a collecting basin it will be built into a container. In this case, the outer tank wall, will get the protection function against leakage. The advantage of this technical solution is the maximum safety for man and the environment. However, this type of tank has certain restrictions for use: the pipe connections can only be mounted on the lid.

• **Tank with leakage monitoring**

This is a double-walled tank with leak monitoring of the area. This type of tank is useful for places where a container is not possible and yet a gravity idle time is required. With this type of construction the outer wall captures the mechanical forces (carrier), while the inner wall is resistant from the effects of chemicals (container). The leakage monitoring in the tank space is carried out by electronic control.



An integral part of the storage tanks are the additional technical components such as filling and emptying devices. At the request of the customer we can manufacture complete technical facilities and provide appropriate elements to this. Additionally we are offering monitoring, control and safety devices such as sensors, visual and acoustic leakage and overflow alarms.



All the tanks will be developed by 3D CAD software

MORSELT STORAGE TANKS

Storage tanks PE

Storage tanks for the storage of chemical liquids, corrosive substances, toxic substances and water. These tanks which are made by welding processes, guarantee a high degree of reliability and operational safety.

Our most commonly used materials:

- PE80, PE100, PE100RC
- PP-H
- PVC
- PVDF



Chemical storage tanks PE

Process tanks (mixing tanks) can be used wherever liquid chemicals need to be mixed, neutralized or linked to other processes. The mixing tanks have generally sloped or conical bottoms to obtain complete emptying. The tanks are calculated according to the standard DVS 2005, Part 1-5 and PN-EN 12573 and have a TÜV approval for toxic and corrosive materials.

Storage tanks PP

Depending on use and function our process tanks can be manufactured with:

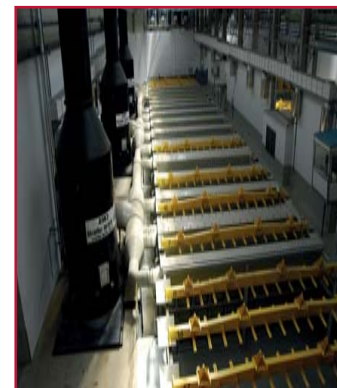
- Mixer traverse and mixer
- Dosing pump and console
- Circulation pump and console support
- Washing and mixing nozzles
- Flow meters, valves, separation walls, funnels and overflow channels



Pickling baths

In the field of production of hot dip galvanizing we offer:

- Process baths for chemical plants
- Heating system for process baths (at the wish of the client provided of electrical heating elements or panels made of PE, PVDF, acid-resistant steel)
- Technological systems with pumps and tanks
- Air purification system for process baths (aeration and ventilation installation or aeration fan of pickling)
- Facility for continuous flux recovery
- Waste neutralization systems



Specials

Special made products

(For more information contact us non-committal)

