

LIQUID FERTILISER TANK RETENTION

A completely watertight device below the flexible tank, the retention system makes it possible to retrieve the fertiliser in the event of an incident and to prevent contamination of the natural environment. Enforced or strongly recommended depending on the region, it thus guarantees both the interests of the farmer and the preservation of the environment. In addition to our tanks for liquid fertiliser, we offer two types of retention systems, provided either by an embankment pit or by a basin on a low wall, which can be carried out independently.

EMBANKMENT PIT

Retention in a pit requires the excavation of a hole with an embankment at 45°, ideally in compacted clay. Coated with an **anti-perforation felt (geotextile)*** on the bottom, then with a **waterproofing membrane** covering all of it, the embankment pit is manufactured according to the dimensions of the flexible tank. Felt, which has the high quality of not rotting even on contact with soil and moisture, prevents stones, plants and roots from affecting the flexible tank. The waterproofing membrane provides protection in the event of an accidental spill. Our membranes can also adapt to already existing pits. Don't hesitate to contact us.



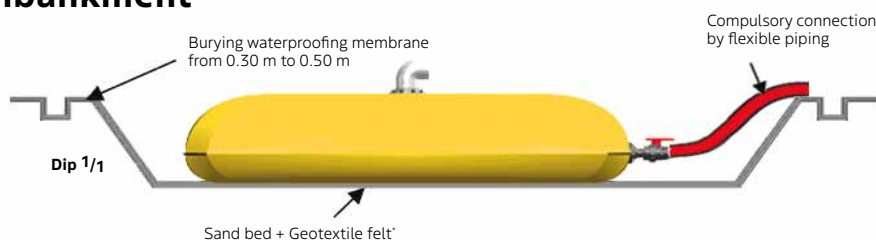
DID YOU KNOW?

The capacity of the retention system is to be adapted according to the volume stored.

Generally**, it must be at least equal to the greater of the following two values :

- ▶ 100% of the volume of the large tank;
- ▶ 50% of the total capacity of the tanks associated with the same retention system.

Embankment



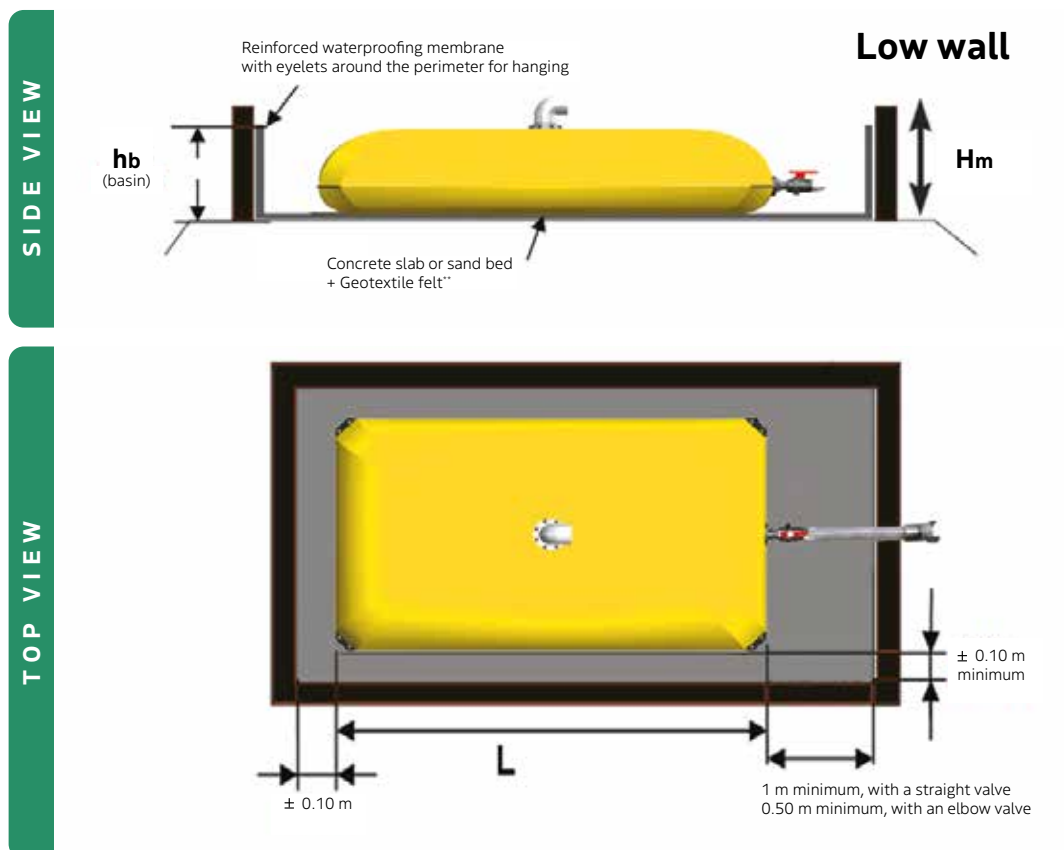
* Anti-perforation felt supplied with the waterproofing membrane. • ** Refer to local regulations in force.



BASIN ON A LOW WALL

On ground prepared for the installation* of the tank, it is a question of marking out an area around the tank by a low wall (concrete blocks, concrete, etc.). This basin must be sized to obtain the legal retention capacities. As for the embankment pit, an **anti-puncture felt (geotextile) overlapped by a watertight membrane** covers the inner surface. A reinforcement strip perforated with eyelets is welded all around the top of the membrane to facilitate its fixation.

The basin on a low wall thus ensures **maximum waterproofing and safety** for your installation. Our membranes are manufactured according to the dimensions of the flexible tank but can also be adapted to already existing basins. Ask our teams for advice.



* Refer to the installation recommendations and the installation manual supplied with the tank.
** Anti-perforation felt supplied with the waterproofing membrane.

DID YOU KNOW?

Rainwater management is a recurring issue if the retention system, like the tank, is installed outdoors.

To avoid the accumulation of rainwater, we recommend equipping the retention device with a pumping system, for example by installing a **cellar vacuum pump** in order to provide for regular emptying.

However, be careful to check the quality of the liquid to be emptied.



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50 YEARS' experience
on this application

Facilities over 25 YEARS OLD
still in use

Expert Advice

Ladder for rodents

To prevent potential rodents, which have accidentally fallen into your retention device, from damaging it when trying to escape, we advise you to provide them with a **way out**. From experience, a simple plank resting on the edges of the retention device (as shown in the photo) will be sufficient. *Think about it!*

