



# PAS Foil lagoon

*Flexible in size, low in investment*

### /// PAS MANURE STORAGE SYSTEMS

PAS manure storage systems is specialized in designing, building, inspecting all types of manure storage systems and covering. You can rely on more than 35 years of experience.

In addition to new construction, you can also contact PAS for **repairs**, **cleaning** and **inspections**. PAS builds and repairs throughout Europe with its own qualified personnel!

From application to inspection: a unique combination under one roof.

The cheapest form of manure storage. A nicely set up slope with a fence: foil basins.

The PAS foil lagoon is easy to install and can be build on every ground.

With the right foils, depending on the type of manure, a lagoon will last for years and years!

A foil lagoon is an ideal and relatively inexpensive solution for storing a lot of manure. A foil lagoon can be installed in any dimension and size.



**KIWA KOMO**  
Certified  
system with:  
**LDPE, FPP**  
& **PVC foils**



### /// PAS Foliebassin: size and possibilities

A foil lagoon is an easy solution for a lot of storage. Easily adaptable in the landscape and in almost all sizes. It can be open or closed by a second foil called topcover.

The lagoon is calculated on the depth of the groundwater level. Deeper is not possible. The lagoon can be installed up to almost any size.

A PAS foil lagoon is a relatively inexpensive solution for the storage of (floating) manure. This is also a perfect solution for fermentation installations.

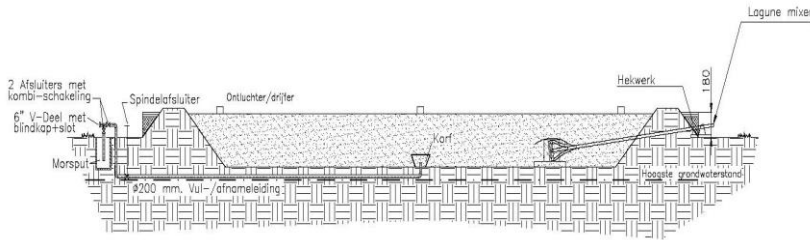
In short, a well-considered choice requires expert advice. Ask for the many possibilities!





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### /// Foil lagoon: montage

After excavation, a crane digs the lagoon and sets up the dikes in accordance with the construction plans. In principle, all excavated soil is used for the dikes. From the center of the lagoon a 200 mm filling / collection pipe is laid to the outside of the lagoon. The collection station, the spill pit and the main valve are mounted here. After the piping, the slope is closed again.

Before the foils are installed, drainage will be placed at the bottom of the basin, connected to a measuring well.

With the aid of two cranes, the films are pulled one by one along the slope in the basin. Possibly with a mixer through the slope on the bottom foil.

With some manpower the foil is placed in the slope and secured. The air vents, mixing hatches and edge vents are then placed in the top foil. The whole is protected with slope protection to prevent weeds and vermin.



### Characteristics Foliebassin

- Drainage with measuring well
- Mixing possibilities
- Top cover fitted with venting pipes

KIWA certificate on LDPE, FPP and PVC foil. Reference period 10 years, according to BRL 2344.

- Standard with filling / removal station 6 "
- Dike protection 300 gr / m<sup>2</sup>
- Wooden or steel fencing
- LDPE bottom and top foils
- Lagoon according to KIWA, BRM-BRL and HBRM regulations



Afmetingen buitenvoet taluds		Talud hoogte	Inhoud 15cm onder de rand
23,8 m	23,8 m	1,30 m	<b>607 m<sup>3</sup></b>
25,9 m	25,9 m	1,40 m	<b>778 m<sup>3</sup></b>
28,1 m	28,1 m	1,50 m	<b>987 m<sup>3</sup></b>
30,3 m	30,3 m	1,60 m	<b>1229 m<sup>3</sup></b>
32,6 m	32,6 m	1,70 m	<b>1518 m<sup>3</sup></b>
35,0 m	35,0 m	1,80 m	<b>1860 m<sup>3</sup></b>
36,3 m	36,3 m	1,85 m	<b>2063 m<sup>3</sup></b>
37,5 m	37,5 m	1,90 m	<b>2264 m<sup>3</sup></b>
38,8 m	38,8 m	1,95 m	<b>2494 m<sup>3</sup></b>
40,1 m	40,1 m	2,00 m	<b>2738 m<sup>3</sup></b>
42,7 m	42,7 m	2,10 m	<b>3270 m<sup>3</sup></b>
45,4 m	45,4 m	2,20 m	<b>3886 m<sup>3</sup></b>
48,2 m	48,2 m	2,30 m	<b>4595 m<sup>3</sup></b>
51,1 m	51,1 m	2,40 m	<b>5408 m<sup>3</sup></b>

Netto inhoud gerekend ca. 15cm onder de rand  
 Gerekend met diepte 1,0m onder maaiveld  
 Afwijkende dieptes en maten zijn mogelijk