

Slurry storage systems



Cover systems



Mixers



Covers for biogas digesters



Genap



AGRO since 1951

Over 70 years of expertise!

Over the past 70 years, Genap has become the leading specialist in membrane solutions for storage systems and covers for slurry, digestate and biogas. Our production sites in 's-Heerenberg and Steenwijk are used to produce customised foil solutions for our clients worldwide, developed and monitored by our own R&D department and laboratory. From design to the realisation of a solution, we employ a premium quality system and possess all the corresponding certificates.



SINCE 1951

Slurry storage systems

- ✓ Over 70 years of expertise in slurry storage
- ✓ Also for storage of water, sludge and other liquids
- ✓ KIWA-certified

Slurry lagoons and silo systems form the heart of our product range. Genap's slurry storage systems are not only suitable for storing slurry, but for water, sludge and other liquids as well. All systems are KIWA-certified. If needed, we can also install mixing hatches, manholes and leak detection control systems.

Slurry lagoon



- Best choice for low load-bearing surfaces
- Available in various dimensions and shapes
- Relatively low investment

Mesh silo



- Quick set-up
- No concrete floor or piling required
- Can be relocated

Concrete silo



- Large storage capacity
- Low maintenance
- Long service life

Corrugated silo



- Fast installation
- Durable materials
- No concrete floor or piling required

Cover systems

- ✓ Reduced emissions
- ✓ Maximum use of storage volume
- ✓ Consistent slurry quality

In many countries, there is a legal requirement to cover slurry storage systems. Genap provides both new and existing systems with fitted covers to size. We offer advice as to which type of cover system is most suitable per situation, while taking into account the local regulations and environmental conditions.

Floating cover for lagoons



- Completely covers the reservoir and prevents mixing with rainwater
- High buoyancy for maximum storage capacity
- Prefabrication under ideal conditions; minimal welding on site

Floating cover for silos



- No load on silo wall
- Cost-effective covering system for both new and existing silos
- Easy and quick to set-up

Tensioned cover



- Suitable for covering concrete, steel or wooden silos
- Low maintenance
- Durable

Self-supporting structure



- Compatible with any type of silo
- Very stable, self-supporting unit
- Simple and easy to tension

Mixers

- ✓ Mixed slurry always available
- ✓ Not dependent on third parties for slurry mixing
- ✓ For each type of slurry storage system

Mixing slurry is essential for optimal fertilisation. Our range of slurry mixers varies from electric, height-adjustable submersible mixers to powerful PTO driven silo and lagoon mixers.

Storage systems with a floating cover, where the mixing is done from outside, can be fitted with a mixing hatch. Mixing hatches can be fitted to existing floating covers.

Silo mixer



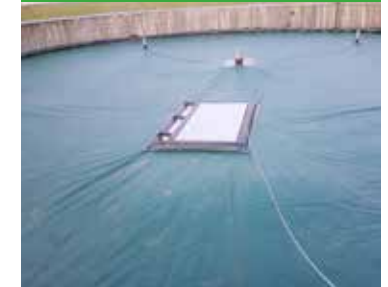
Lagoon mixer



Submersible mixer



Mixing hatch



Covers for biogas digesters

- ✓ Cover for all types of digesters
- ✓ In-house production and installation
- ✓ Cost effective gas collection

For digester silos used to produce and store biogas, Genap has developed the double-membrane biogas roof. We also produce floating cover systems for slurry silos. Genap's gas-tight covers meet the highest safety and quality requirements and are used successfully worldwide.

Double-membrane biogas cover



- Flexible gas storage capacity
- Customised cover including static calculations
- Complete system including fan and gas level indicator

Biogas floating cover



- Less costly alternative to a double-membrane roof
- No load on silo wall
- Collects residual gas from digestate

SINCE 1957

Quality assurance

All our products are subjected to standard testing that complies with prescribed standards in our laboratory. The certifications and their assessment guidelines are set by Kiwa and are tested annually.



Find out more?
Please call or email us for an appointment without obligation with our agricultural specialist.

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