



Water Solutions for Horticulture

End-to-end water management solutions, from storage to cover systems, for total water quality control



Albers Alligator
committed since 1901



Royal Warrant Holder

Optimizing water quality in modern horticulture

Water is one of the most critical resources in your greenhouse. The quality, storage, and protection of water directly impact crop growth, operational efficiency, and optimizing the results for a grower.

As installations increase in size and demands on water management become more demanding, eliminating algae growth, limiting evaporation, and maintaining a stable water quality are vital.

Albers Alligator responds to these challenges with a complete range of solutions for water storage, coverage and protection. Developed for practical use and built on over 50+ years of experience supplying the horticulture sector with water solutions.

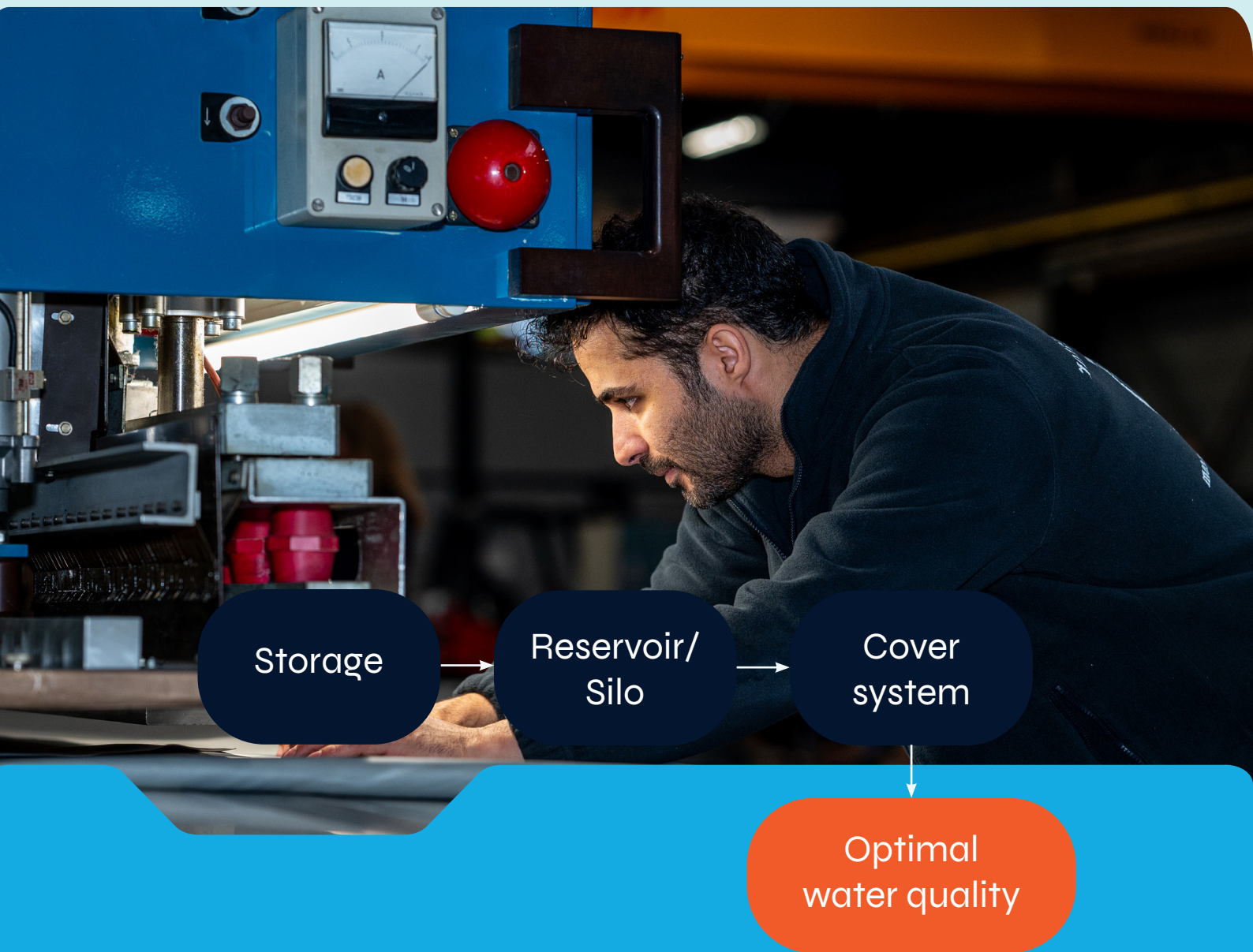




A complete solution for every application

Depending on the size, application and technical requirements, the right combination of solutions can be selected.

From water reservoirs, silo liners to advanced covering systems, Albers Alligator offers a complete approach to water storage, coverage and protection within the horticulture market.



One integrated system for complete water control



Water reservoir systems

Water storage and water storage covers to protect the water against algae growth, water evaporation and maintaining a stable temperature.

Custom-made liners for water reservoirs

Custom-made liners for water reservoirs, prefabricated in our facility in Wageningen, sizes can go up to 250 x 500 mtr and even larger. We make the liners based on your specification, provide transportation and will assist with installation with our installation teams.

Key features:

- › Suitable for any dimension, based on your specific demands and requirements
- › Engineered multi-layer liner material for extended lifespan
- › Prefabricated liner that can be easily unfolded on site
- › Reliable performance in demanding horticultural environments
- › Installation teams available to assist and install the liner on site

Technical highlights:

- **Material:** Flexible Polypropylene (FPP) – Alligator Polyextra-S (0.6 / 1.0 mm)
- **Construction:** Multi-layer liner
- **Application:** Designed for custom-built water storage basins
- **Service life & warranty:** Up to 15 years with cover or slope protection, 10 years without

Alligator slope protection

Protective solution designed to extend the lifespan of the basin liners. The slope protection covers the slopes of the water basins against UV-influences.

Key features:

- › Protects reservoir liner against UV exposure and external influences
- › Reduces wear and damage of your reservoir liner
- › Extends the overall lifespan of the liner and extend warranty of your reservoir liner

Technical highlights:

- **Material:** High-strength woven fabric ($\pm 200 \text{ g/m}^2$)
- **Construction:** Protective layer applied over liner surface
- **Application:** Installed on slopes and exposed basin areas
- **Service life & warranty:** Up to 10 years





Water reservoir cover solutions

Advanced solutions for covering and protect water quality in water reservoirs.

Multi-F system

Advanced integrated floating cover to cover and protect water in water reservoirs. The unique Multi-F system has been invented by Albers Alligator for over 25 years.

Key features:

- › Prevents algae growth through a light-tight system
- › Reduces water evaporation
- › Helps regulate and lower water temperature
- › Stable positioning through a unique ballast system
- › Minimally affected by waves, enabling large reservoirs without intermediate embankments
- › Debris is collected in edge channels for easy removal
- › Suitable for installation on empty reservoirs
- › Custom-made in any shape and size to meet project requirements



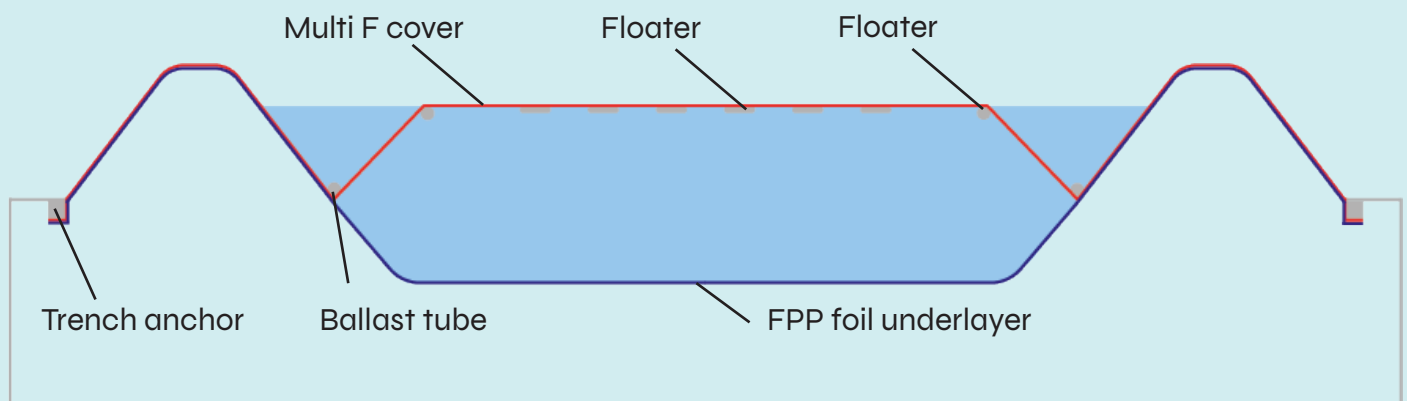
Available configurations:

Semi-open variant

- › For rainwater storage
- › Perforated layer allows rainwater to pass through

Closed variant

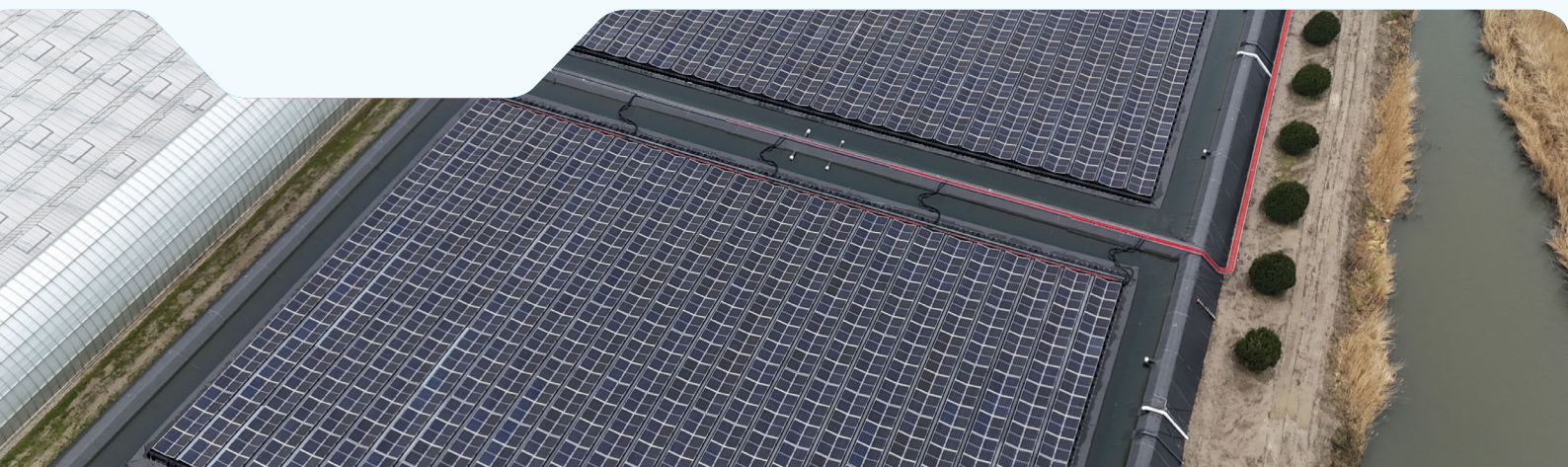
- › Fully sealed system for drainwater re-use
- › Controlled, separated water storage



Cross-section closed system

Technical highlights:

- **Material Semi-open variant:** Semi-open - PE/PE fabric 325 g/m²
- **Material Closed variant:** PVC PES Type 1 900 g/m²
- **Construction:** Floating cover with ballast system
- **Application:** Suitable for rainwater and process water reservoirs
- **Service life & warranty:** Linear declining over 10 years

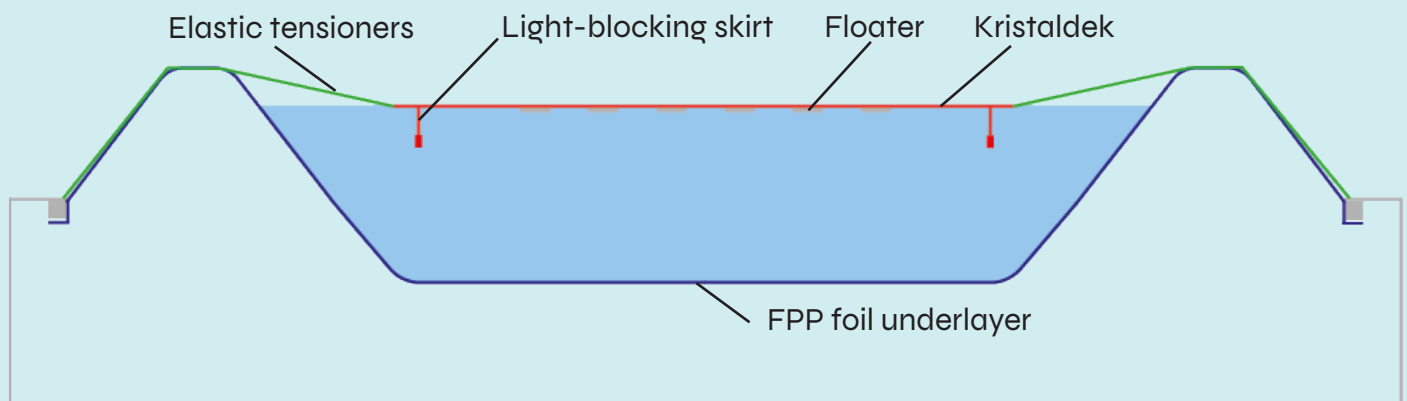


Kristaldek

Flexible floating cover which can be installed on a filled water reservoir attached with EPDM elastic tensioners to the slopes of the reservoir.

Key features:

- › Prevents algae growth through a light-tight system
- › Reduces water evaporation
- › Helps regulate and lower water temperature
- › Suitable for installation on full reservoirs
- › Custom-made in any shape and size to meet project requirements



Cross-section Kristaldek



Technical highlights:

- **Material:** PE/PE fabric ($\pm 325 \text{ g/m}^2$) with EPS floaters
- **Construction:** Floating cover with ballast system
- **Application:** Suitable for rainwater and process water basins
- **Service life & warranty:** Linear declining over 10 years

Silo liners

Complete range of solutions for water storage of water in water tanks/silo's.

Silo liners

High-quality FPP liners designed for water silos, FPP liner applicable in high resistance chloride liner as well.

Key features:

- › Suitable for large-diameter silos (up to Ø 50 m)
- › Custom-made for a precise fit and optimal installation
- › Prefabricated for efficient on-site installation
- › Integrated outlets simplify installation on site
- › Available in high-resistance chloride liner material
- › Optional non-woven PP protection layer for added liner protection ($\pm 200 \text{ g/m}^2$)

Technical highlights:

- **Material:** Polyextra-S 0,6 / 1,0 mm or Polyextra-M 0,6 / 1,0 mm (high chloride resistance liner)
- **Construction:** Prefabricated liner, non-woven PP material to protect bottom and wall of the liner
- **Application:** For water or other storage silos in horticultural water storage
- **Service life & warranty:** 10 years (for silos larger than Ø 4 m, a wind protection system must be applied)



Silo covers

Complete range of solutions for water storage of water in water tanks / silo's.

Alligator AG cover

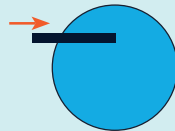
Simple and efficient floating cover solution for all water silos.

Key features:

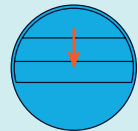
- › Prevents algae growth through a light-tight system
- › Reduces water evaporation in water reservoirs
- › Custom-made for precise fit and installation
- › Delivered fully prefabricated and ready for on-site installation



1. Unroll, smooth side up

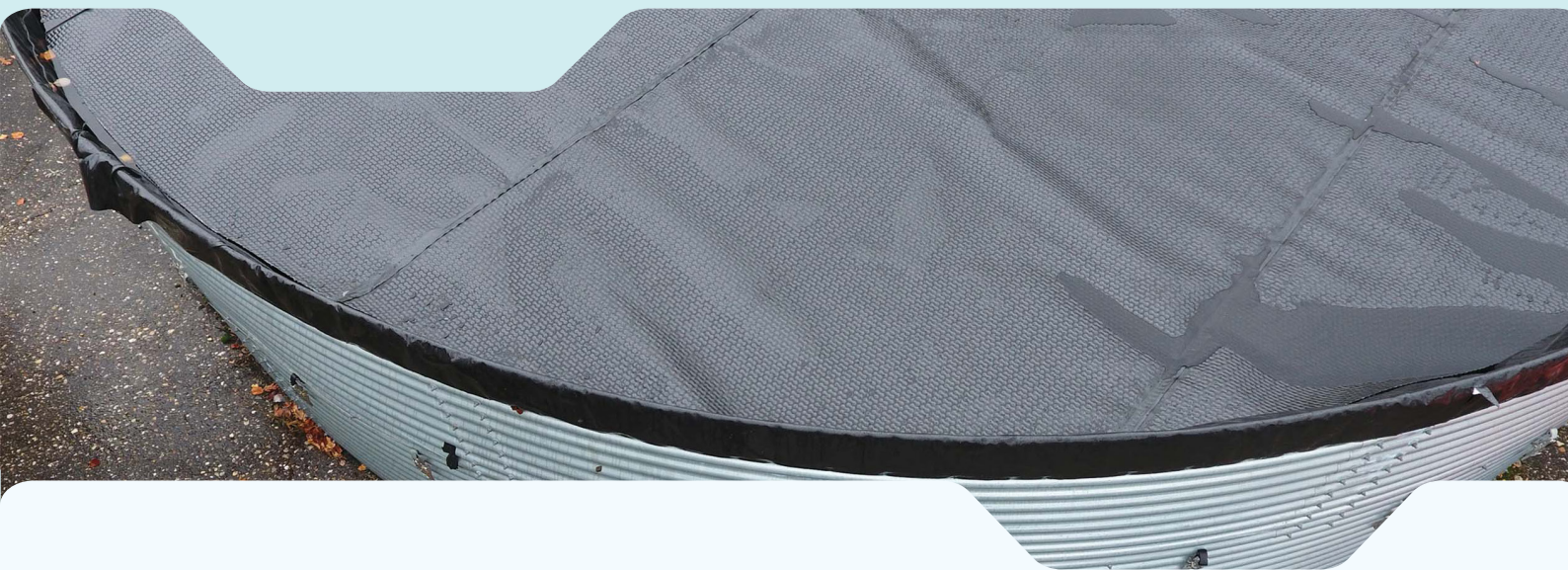


2. Put the AG cover into the silo



3.. Pull out the AG cover in the silo

AG cover installation steps



Technical highlights:

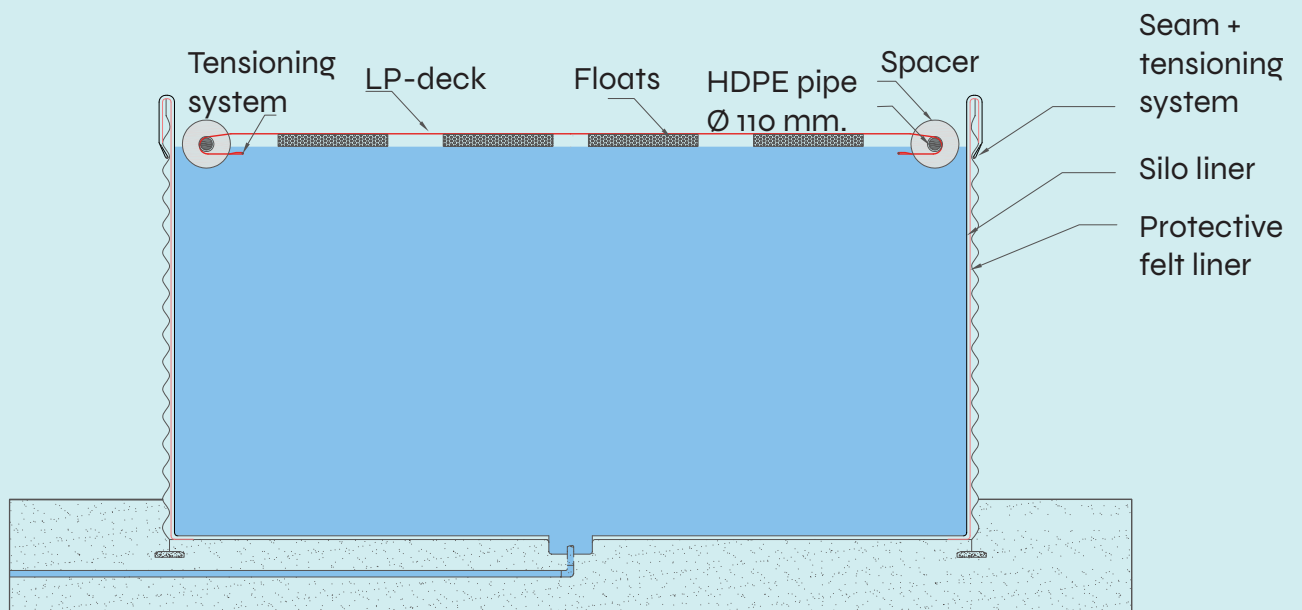
- **Material:** Bubble shape layer polyethylene
- **Construction:** Floating cover system
- **Application:** For all water silos
- **Service life & warranty:** 5 years (excluding wind damage)

LP cover system

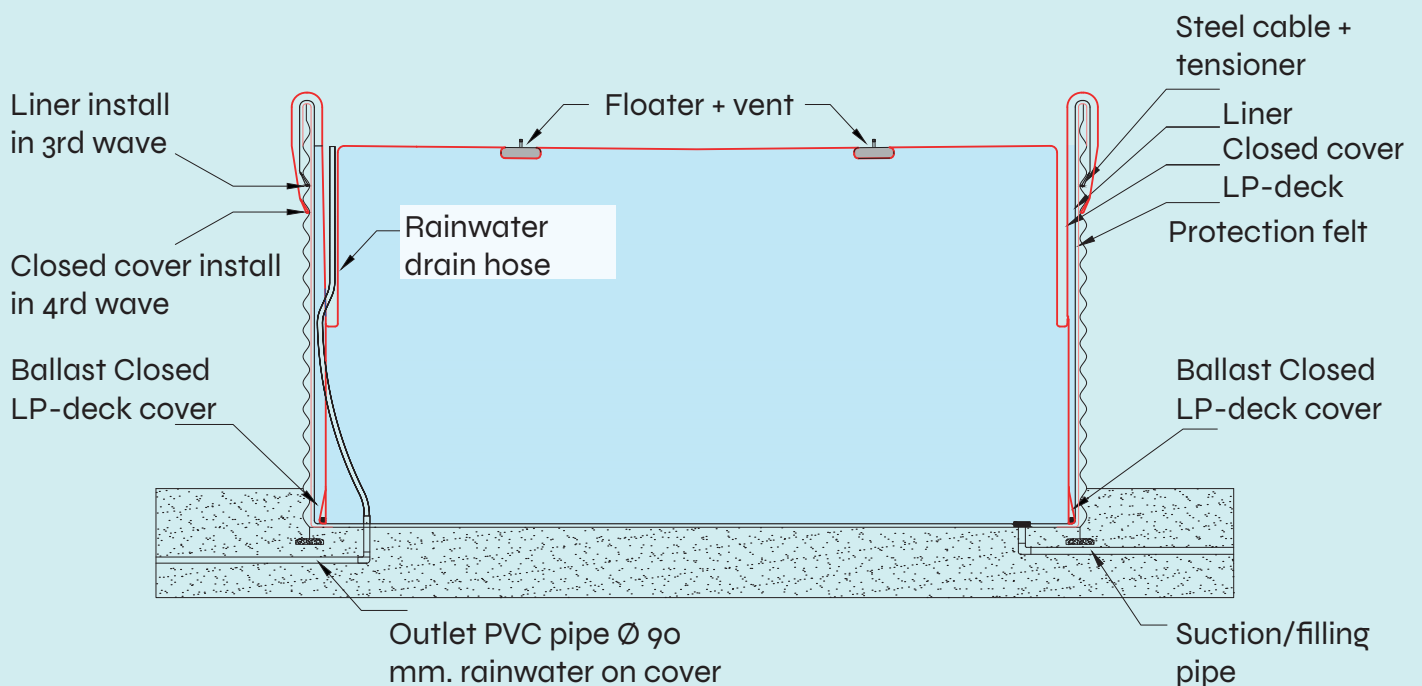
Simple and efficient floating cover solution for silos.

Key features:

- › Prevents algae growth through a light-tight system
- › Reduces water evaporation in water reservoirs
- › Custom-made for precise fit and installation
- › Delivered fully prefabricated and ready for on-site installation
- › Weather- and wind-resistant



System overview LP cover



System overview closed LP cover

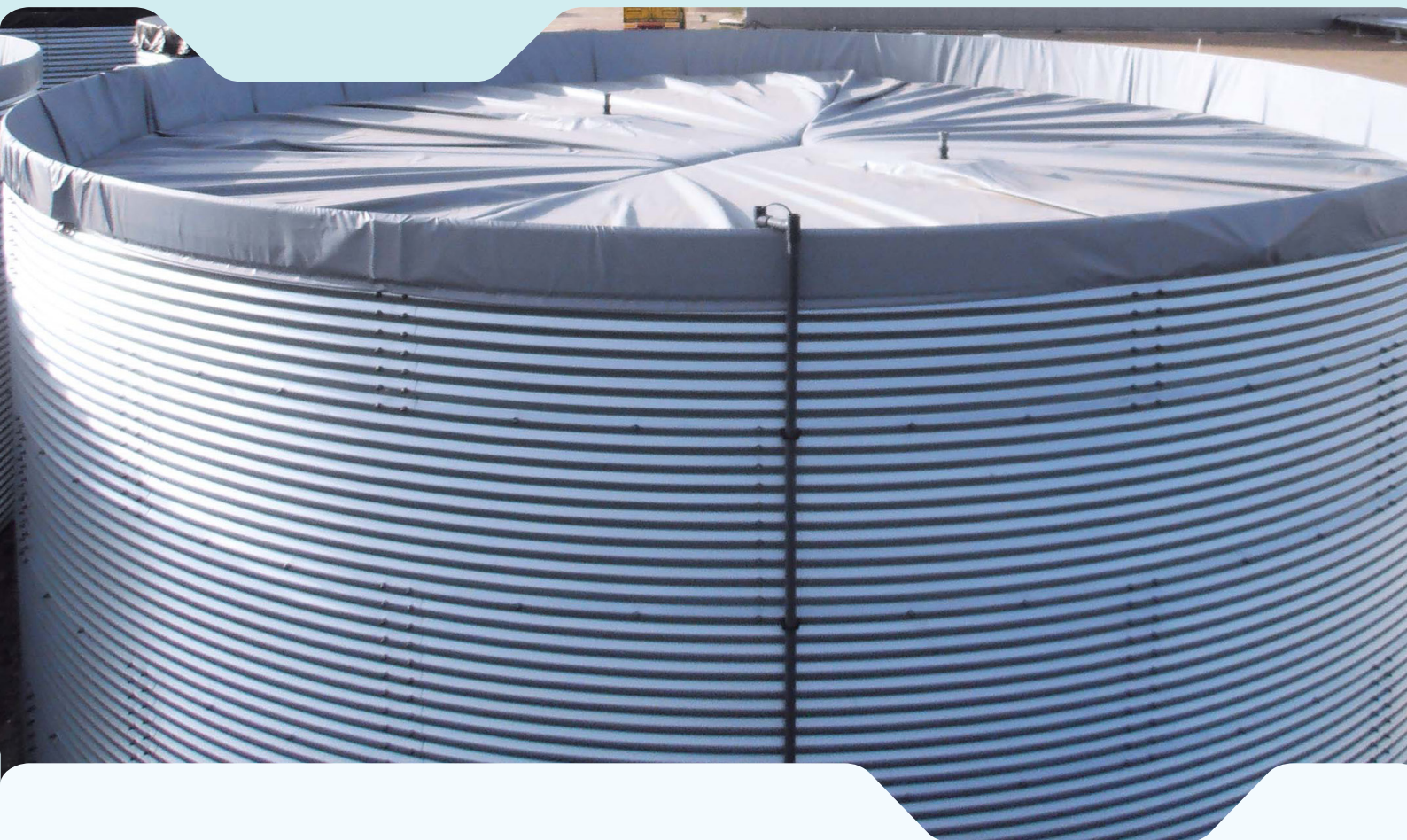
Available configurations:

LP cover

- › Light-tight floating cover with controlled drainage
- › Allows rainwater interaction while limiting algae growth

Closed LP cover

- › Fully closed system preventing contamination and algae growth
- › Minimizes contact between water and outside air
- › Equipped with ventilation and rainwater drainage



Technical highlights:

- **Material:** LP-deck - Polyextra-S (0.6 mm) with PE pipe structure / closed LP-deck - PVC PES Type 1 – 900 g/m²
- **Construction:** Modular floating cover system
- **Application:** For outdoor water silos
- **Service life & warranty:** Linear declining over 10 years

Alligator Silodome

Advanced structural cover system for complete water protection in silos.

Key features:

- › Prevents algae growth through a light-tight system
- › Reduces water evaporation in water reservoirs
- › Custom-made for precise fit and installation
- › Delivered fully prefabricated and ready for simple on-site installation
- › Resistance against outdoor weather influences and wind resistant
- › Fast installation with prefabricated system
- › Suitable for new and existing water silo's

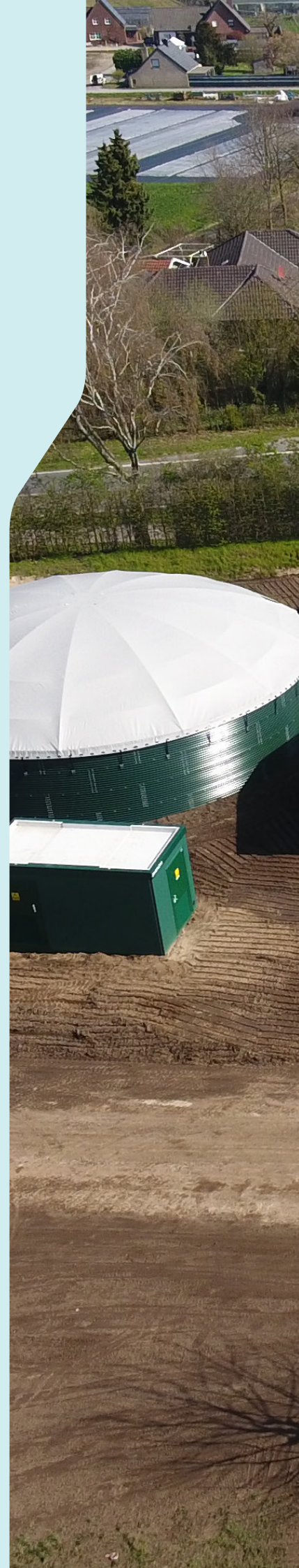
Available configurations:

Silodome 1.1

- › Ø 3.5 – 9.1 m, for standard applications
- › Proven, efficient covering solution
- › Fixed construction design
- › Designed according to Eurocode 1 standards
- › Designed up to wind of 10 Beaufort and a snow load of 56 kg m/2

Silodome 2.1

- › Ø 9.1 – 15.5 m, designed for larger diameters and higher loads
- › Adjustable structure for flexible installation
- › Designed according to Eurocode 1 standards
- › Designed up to wind of 10 Beaufort and a snow load of 56 kg m/2





UPDATED

Technical highlights:

- **Material:** Aluminium frame (Eurocode compliant)
- **Construction:** PVC PES Type 1 – 900 g/m²
- **Application:** For medium to large water silos
- **Service life & warranty:** 5 years on the aluminium frame, 3 years on the cover

Systems that ensure optimal water quality

Albers Alligator provides complete solutions for both water basins and silos, each with tailored cover systems to ensure optimal water quality.

From storage to protection and water quality control, all components work together as one integrated system.

By combining the right solutions, an optimal setup can be created for every project and application.



Built on Proven Materials

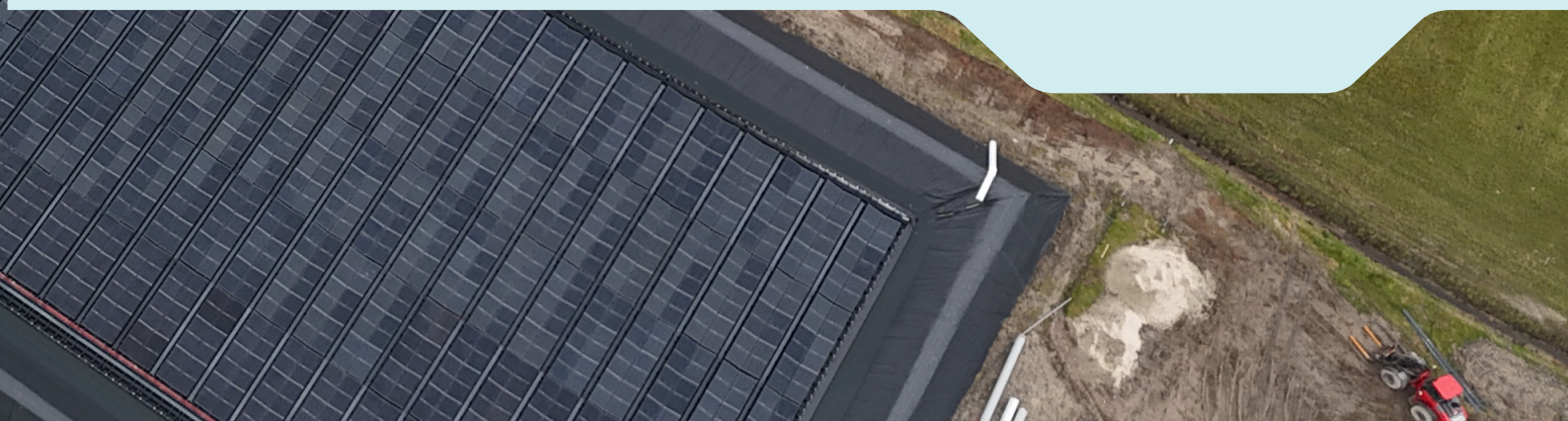
Our solutions are based on high-quality, proven materials:

- Polyextra - S (FPP) in 0,6 / 1,0 mm
- Polyextra - M (FPE) in 0,6 / 1,0 mm
- Alligator reinforced PVC Material
- Alligator Slope Protection
- Alligator Non Woven PP Material 200 gr m/2 for protector of the liner

Accessories

To complete every installation, we provide a full range of accessories:

- Prefabricated outlets
- Sealing systems
- Prefabricated sockets for water inlets in water reservoirs
- Slope protection for water inlets in water reservoirs
- Water level indicators
- Isolation panels to isolate your water tanks for hot water storage



Notes

About Albers Alligator

1901. There, in that year, we started committing to a powerful core promise: delivering craftsmanship.

Starting as apprentice saddlers, and over the modest 125 years since, we have grown into a recognized Royal Warrant Holder, a global specialist in flexible foil constructions and a market leader. A team truly dedicated to being ready for the future.

Dedicated to delivering craftsmanship. Craftsmanship that knows how to reinvent itself. Smarter. More sustainable. More effective. Because we understand every sector: horticulture, agriculture and industry.

As the inventor of the Multi-F, LP Cover and Silodome systems, Albers Alligator has become an innovator and frontrunner in the storage, coverage and protection of water storage solutions.

Our partners, including you, want to move forward. Working with a solution from Albers Alligator means you can rely on the core value we have been committed to since 1901: craftsmanship. The best solution for you.



Royal Warrant Holder

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