

Mick Moor~ Agricultural & Industrial Installations

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SFS-Silo system

These silo's are Suitable for storage of fluids. Volumes from 192m³ till 1246m³ are possible. The covering of the fluid can be done with an optional floating cover. A discharge station is used for filling and emptying the silo.

Product Details

The meshed elements are completely galvanized. Height of the elements is 3,0 m, the width approximately 2,5 m. The silo wall elements are connected to each other with bolts. The silo wall will be placed on concrete tiles only. When the bottom is very weak (peat), ground improvement will be needed.

The material of the liner is depending on the kind of fluid that will be stored in to the silo. For manure the liner is made of a special designed foil Nicoflex 800® HSPO. This is a Height Strength Polyolefin foil, reinforced with polyester. Between the liner and the elements there is a layer of HDPE foil 1,5mm to protect the liner from damaging. When the silo is used for water storage, the lining will be made from PVC.

To cover the fluid, an optional floating cover can be mounted in the silo. The cover will float on top of the fluid and will move up or down depending on the level of the manure. It is possible to fit a

mix hatch in the floating cover for inspection or to mix the fluid from above. The material used for the cover will always be Nicoflex 800® because of its excellent UV-resistance.

Mixing

Three options for mixing the SFS-Silo system:

- a special nozzle of stainless steel in the middle of the silo (which is operated from the side).
- mixing hatch for a mixer on a tractor or a crane to mix the fluid from above.
- an electric mixing system.

Benefits

The SFS-Silo system has the following advantages:

- Short Construction time.
- No need for concrete base.
- Easy to relocate.
- Interesting price, compared to traditional silo's.

Certification

The SFS-Silo system is provided with KOMO-KIWA certificate under number K 55381, has a reference period of 10 years and fully complies with the Dutch Manure silo Construction Guidelines (BRM).



We supply: Ameram Aeromixers & Biocrust; Astwell augers; Bentall Rowlands storage systems; Briggs Irrigators; Collinson feed hoppers and equipment; Expanda flat-pack portable buildings; SteFos covers; Storth slurry stores, pumps, separators, and equipment.

+ much more! To see what we are up to: fb.me/mickmoorinstallations