

DELAFLOAT[®]

The perfect floating cover for silos and water storage basins

A **DelaFloat[®]** is manufactured using high quality polyolefin material. This material consists of two layers with small air-filled pockets allowing for excellent floating capacity. (3)

The **DelaFloat[®]** shields the water from sunlight (UV Radiation), limiting the growth of algae and largely preventing warming up and evaporation of water. Experience has shown that the **DelaFloat[®]** reduces waves and ground swell, diminishing the loss of precious water from the basin, thus preventing damage to the dikes and minimizing the risk of a dike/levee breach.

Using a Rainwater basin/lagoon/pond

The **DelaFloat[®]** can be manufactured in any desired size and will be fitted out on location with a smooth and solid frame consisting of air-filled PVC tubes. This frame creates extra floating capacity, allowing the foil construction to carry the added weight of e.g. leaves, sand and other kinds of pollution. (2 - 5)

Small holes (40 mm) are evenly across the entire surface of the **DelaFloat[®]** permitting ingress of rain but blocking leaves and dirt. (6) **DelaFloat[®]** is attached to the frame using straps and strong elastic attached to the durable plastic poles anchored in the ground. By using the straps and elastic the **DelaFloat[®]** is positioned to allow for variations in the water level. (2 - 5)

Using a Watersilo

The **DelaFloat[®]** can be used in a watersilo without a frame. (1 - 4) The structure of the material with its small air-filled pockets has an adhesive capacity ensuring that the cover remains on the water. The small holes (40 mm) are evenly distributed across the entire surface permitting ingress of rain/ melting snow. (6) The material can also be cut easily to allow for pipes etc. (7)

Main advantages;

- Prevents growth of algae
- Reduces evaporation of water
- Reflecting UV radiation by virtue of its white top layer reduces the water warming up
- Permits higher water levels through reduced waves
- Smooth surface preventing most accretions
- Quick and easy assembly
- Easy to remove for maintenance of the basin
- Minimal maintenance

