

Stable body of water Fire protection pond, Troisdorf, Germany



Reifenhäuser GmbH & Co. KG
Machine factory, Troisdorf,
Germany

Operation

**1 Fire water retain basin with
870 m³ with one OLOID Type 200**

Period

Since 2016

Success

No duckweed

Less algae growth

**Biodegradation of the soil slipped
during construction**

For larger premises, ponds for the provision of extinguishing water must be created on the basis of the fire extinguishing guidelines. It is important that the body of water remains stable and the water is always kept ready for fire-fighting purposes. This means that the water must not silt and no algae growth may be present as this would hinder the fire-fighting operation. Also against duckweed precautions must be taken.

By using an OLOID type 200, the entire pool is circulated and oxygen is also introduced to promote the biodegradation of the soil slipped in during the construction. The flow of the OLOID prevents the growth of duckweed and algae growth is inhibited. In addition, the OLOID keeps at least a part of the basin ice-free in winter.

