



Fischzucht Peitz GmbH

Berlin, Germany

Agriculture – Fish Farming

Client:

Fischzucht Peitz GmbH

Specialist Contractor:

MK Nanotech, Berlin

Products Used:

VIP Quickspray Industrial W
(WRAS certified)

Contact:

NCC for Bund Lining

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Case Study

The owners of this modern Fish Farm wanted a protective coating system for their holding tanks to prevent corrosion of the concrete and also to seal the surfaces against water ingress. The authorities also required the coating system to be WRAS Certified for use in contact with drinking water to protect. Finally the surface had to be resistant to microbiological growth, easy to clean and also resistant to the cleaning chemicals and the mechanical cleaning process.

The technical team from VIP advised the use of the VIP QuickSpray Industrial W System, a spray applied, 2-component, polyurea based coating system that is designed for use in many different drinking water, agricultural and aquaculture protection applications.

All 7,500m² of the new concrete tank surfaces were prepared, cleaned and primed; then the QuickSpray Industrial W System was airless sprayed at a minimum thickness of 3mm. The coating thickness was monitored throughout and pull-off tests were undertaken to confirm the system's extremely good bond to the concrete substrate.

The fish stocks and the business are now very healthy; the tanks are well sealed, and durably protected for a long service life with all of the owners requirements fully met.

