

Water Purification Tanks, Denmark

POLYUREA

Client	Armacoat, Grindsted
Project	Water Purification Tanks for Wastewater
Surface	Tanks in various sizes
Construction	approx. June 2011
VIP System	QuickSpray Xpress SL



Project Description

Steeletanks for Water Purification are supposed to be coated internally and sometimes externally. For fast throughput Armacoat needed a system, which is waterproof and offers a high degree of chemical resistance against hydrochloric acid and sulphuric acid. They choose QuickSpray Xpress SL (aromatic).

The tanks are being cleaned and primed with Hepox EP 4400 Epoxy Primer from DuPont Performance Coatings. After drying the aromatic Polyurea QuickSpray is being applied to the inside and within a few minutes the outside is being coated using QuickSpray or a conventional paint system.

Through this process work times are reduced drastically, and the forced drying of the internal coating at 80° C for 2 x 24 hours is eliminated, reducing Armacoats Energy consumption by a big percentage.

