

PROTECTION FOR POTABLE WATER INFRASTRUCTURE

ANTICORROSION PROTECTION FOR POTABLE WATER PIPELINE DN1600

CORROCOAT

Client / Location:

Potable Water Infrastructure, Czech Republic

Application Date:

June 2024 – December 2024

Products:

POLYGLASS PPA; CORROFILL VE; LR 600 + MULTIAXIAL FIBREGLASS CLOTH 600 g/m²; POLYGLASS VEF

Coating systems:

NS-1A = 1 200 µm DFT

Substrate:

Pipeline internal surface DN1600; Carbon steel; 623 m; 3 124 m²

Procedures:

- Automated removal of damaged coating and coarse sediments
- Decontamination from dirt, oils, grease and salts
- Surface preparation to ISO 8501-1 with cleanliness Sa 3
- Application of primer POLYGLASS PPA
- Repair of defective areas COROFILL VE
- Application of lamination layer LR 600 + Fibreglass Cloth 600 g/m²
- Application of corrosion barrier POLYGLASS VEF
- Application of flange seating surfaces POLYGLASS VE HA
- Quality assurance as per designed Inspection and Test Plan

Benefits:

CORROTECH ENGINEERING Ltd. provides highly professional services in the field of surface preparation and application of special coating systems for the most aggressive environments and various industrial equipment. POLYGLASS VE a vinyl ester system filled with glass flakes is an ideal choice for corrosion protection of potable water pipeline internals, which protects the steel substrate from corrosion affection for a long time period.



Corrocoat has been successfully fighting corrosion for over 45 years. It uses innovative mechanical engineering combined with anti-corrosion technology to provide long-term protection for both new and damaged equipment. Special composites with sophisticated technical methods solving many corrosion problems worldwide. With a focus on quality, procedures and materials are a proven cost-effective weapons that allows long-term victory in the fight against corrosion.

CORROTECH ENGINEERING Ltd. - exclusive distributor of CORROCOAT technology for Czech Republic
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CorroTech
SURFACE TREATMENT

LONG-TERM AND COST EFFECTIVE PROTECTION AGAINST CORROSION