

PROTECTION FOR POTABLE WATER INFRASTRUCTURE

ANTICORROSION PROTECTION FOR POTABLE WATER PIPELINE DN1600

CORROCOAT

Customer / Location:

Potable Water Infrastructure, Czech Republic

Application Date:

June 2024–May 2024

Applied Products:

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

Coating Systems:

CS1 = 1 200 µm DFT

Substrate:

Pipeline Internal Surface DN1600; Carbon Steel; 623 m, 3 124 m²

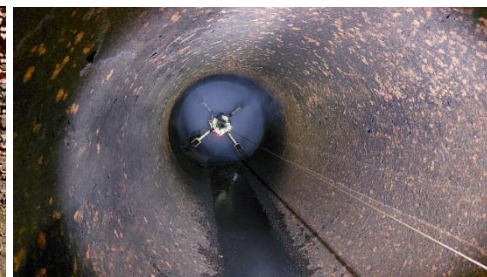
Procedures:

- Removal of sediments and coarse deposits
- Removal of soluble salts
- Surface preparation to ISO 8501-1 with cleanliness Sa3
- Application of primer POLYGLASS PPA
- Repair of defective areas by using CORROFILL VE
- Application of lamination layer LR 600 + Fiberglass Cloth 600 g/m²
- Application of 2 coating corrosion barriers POLYGLASS VEF
- Quality assurance as per designed Inspection and Test Plan

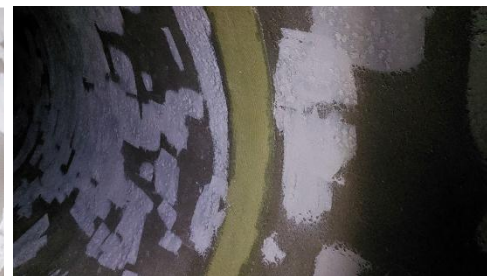
Benefits:

CORROTECH ENGINEERING s.r.o. 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 systém 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

before



process



after



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 weapon that allows long-term victory in the fight against corrosion.

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