

PROTECTION FOR POTABLE WATER INFRASTRUCTURE

ANTICORROSION PROTECTION FOR POTABLE WATER PIPELINE BYPASS DN1000

CORROCOAT

Client / Location:

Potable Water Infrastructure, Czech Republic

Application date:

January 2025 – June 2025

Products:

FIBRECOAT; POLYGLASS VEF

Coating systems:

NS1 = 3 000 µm DFT

Substrate:

Pipeline internal surface DN1000; Carbon steel; 597 m; 1 877 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 2,5
- Application of corrosion barrier FIBRECOAT
- Repair of defective areas POLYGLASS VEF
- 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. FIBRECOAT 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
Topolová1456, 434 01 Most, Czech Republic, Phone: +420 414 120 298, E-mail: info@corrotech.com
www.corrotech-engineering.com, www.corrocoat.cz, www.corrocoat.com



PROTECTION FOR POTABLE WATER INFRASTRUCTURE

ANTICORROSION PROTECTION FOR POTABLE WATER PIPELINE BYPASS DN1600

CORROCOAT

Client / Location:

Potable Water Infrastructure, Czech Republic

Application date:

January 2025 – June 2025

Products:

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

Coating systems:

NS1= 1 200 µm DFT

Substrate:

Pipeline internal surface DN1600; Carbon steel; 147 m; 737 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.

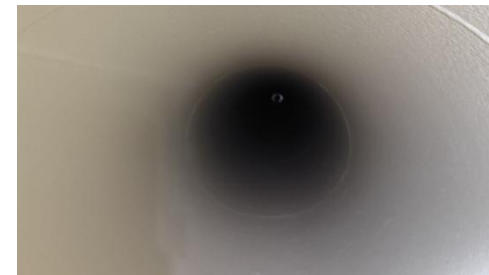
before



process



after



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