# PROTECTION FOR POTABLE WATER INFRASTRUCTURE

## ANTICORROSION PROTECTION FOR POTABLE WATER PIPELINE BYPASS DN1000

CORROCOAT

Customer / Location:
Potable Water Infastructure, Czech Republic

Application Date:
August 2024–June 2024

Applied Products:
FIBRECOAT; POLYGLASS VEF

Coating Systems:
CS1 = 3 000 µm DFT, CS2 = 1 200 µm DFT

Substrate:
Pipeline Internal Surface DN1000; Carbon Steel; 89 m²

Procedures:

- Removal of sediments and coarse deposits
- Removal of soluble salts
- Surface preparation to ISO 8501-1 with cleanliness Sa 2,5
- Application of 2 coating corrosion barriers FIBRECOAT
- Repair of defective areas by using POLYGLASS VEF
- Application of corrosion barrier POLYGLASS VEF on welded holes (CS2)
- Quality assurance as per designed Inspection and Test Plan
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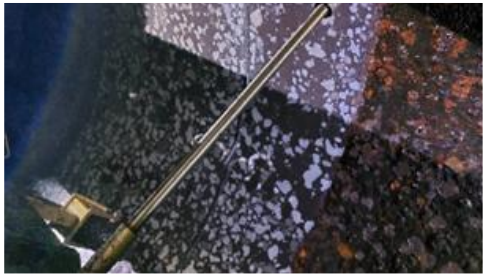
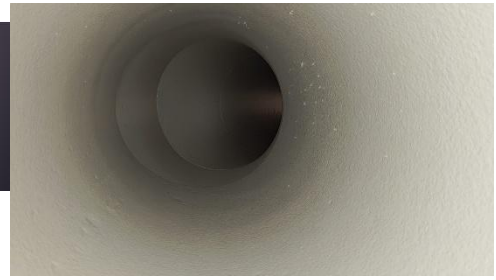
Benefits:
CORROTECH ENGINEERING s.r.o. provides highly professional services in the field of surface preparation and application of special coating systems for the most aggressiveenvironments and various industrial equipment. POLYGLASS VE a vinyl ester system filled with glass flakes is an ideal choice for corrosion protection of potable water pipeline internals, which protects the steel substrate from corrosion affection for a long time period

before



processs

after



CorroTech
SURFACE TREATMENT

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

**CORROTECH ENGINEERING s.r.o. - exclusive distributor of technology CORROCOAT for Czech Republic**
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**www.corrotech-engineering.com, www.corrocoat.cz, www.corrocoat.com**

# PROTECTION FOR POTABLE WATER INFRASTRUCTURE

CORROCOAT

## ANTICORROSION PROTECTION FOR POTABLE WATER PIPELINE BYPASS DN1600

Customer / Location:

Potable Water Infastructure, 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:

NS1 = 1 200 µm DFT

Substrate:

Pipeline Internal Surface DN1600; Carbon Steel; 728 m²

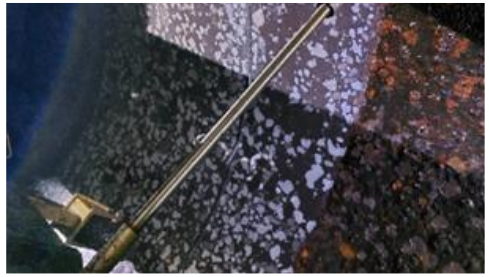
Procedures:

- Removal of sediments and coarse deposits
- Removal of soluble salts
- Surface preparation to ISO 8501-1 with cleanliness Sa 2
- 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:

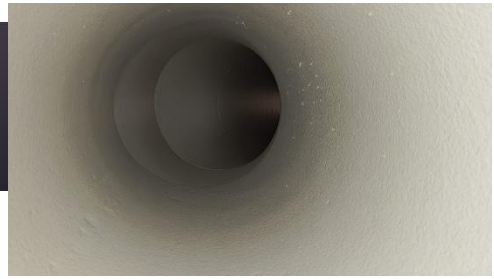
CORROTECH ENGINEERING s.r.o. provides highly professional services in the field of surface preparation and application of special coating systems for the most aggressive environments and various industrial equipment. POLYGLASS VE a vinyl ester systém filled with glass flakes is an ideal choice for corrosion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

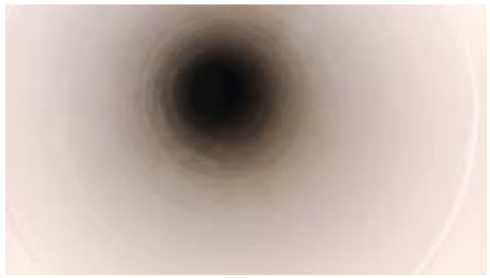
before



processs

after





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