

PROTECTION FOR ENERGY INDUSTRY

REPAIR OF INTERNAL COATINGS IN NEUTRALIZATION TANKS

CORROCOAT

Client / Location:

Energy Industry, Czech Republic

Application Date:

May 2025 – September 2025

Products:

POLYGLASS PPA; CORROFILL VE; CORROGLASS AR4 LR+
MULTIAXIAL FIBREGLASS CLOTH 600 g/m²; CORROGLASS AR4

Coating systems:

NS-1A = 1 200 µm DFT (2 000 µm DFT for laminated areas)

Substrate:

Bottom and wall up to height 1.5 m inside 2 tanks; Carbon steel;
113.4 m²

Procedures:

- Removal of the original protective layer
- Decontamination from dirt, oils, grease and salts
- Surface preparation to ISO 8501-1 with cleanliness Sa 2.5
- Application of primer POLYGLASS PPA
- Repair of defective areas COROFILL VE
- Application of lamination layer CORROGLASS AR4 + Fibreglass Cloth 600 g/m²
- Application of corrosion barrier CORROGLASS AR4
- 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. The CORROGLASS AR4 a brominated vinyl ester/acrylic system filled with glass flakes is an ideal choice for corrosion protection of internal parts of tanks, which protects the steel substrate from corrosion affection for a long time period in base environments (e.g. NaOH, NaClO).

before



process



after



LONG-TERM AND COST EFFECTIVE PROTECTION AGAINST CORROSION

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.

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