

## On-line Leakage Stop of CO<sub>2</sub> Pipeline Elbow

### Industry:

Petrochemical Industry Plant, Czech Republic

### Date:

November 2023

### The Challenge:

Stopping of CO<sub>2</sub> leak on pipe elbow shutdown

### The Solution:

Petrochemical Industry Plant, Czech Republic

A petrochemical plant in the Czech Republic experienced a CO<sub>2</sub> pipeline elbow leak that had the potential to take a section of the facility offline for several days. The leaking external of a carbon steel pipe elbow had previous coating unsuccessful repairs to stop the leak. Expensive downtime due to offsite repair or full replacement could be avoided with an online repair solution utilizing CORROCOAT products.

Following an inspection, surface preparation of contact area was undertaken onsite whilst work got underway with preparation of a 4 mm thick component (Lamination Resin 600 + Multiaxial Fiber Glass Cloth 600 g/m<sup>2</sup> in the workshop. This was then taken to site for installation once filled with CORROFILLVE onsite. Strength was further bolstered with the lamination wrap over the component and application of POLYGLASS VE HA over the lamination reinforcement.

### Products:

LR 600 + MULTIAXIAL FIBERGLASS CLOTH 600 g/m<sup>2</sup>  
CORROFILL VE  
POLAGLASS VE HA

