

## BELZONA SUPERWRAP II USED FOR A PIPE REPAIR

### CUSTOMER

Petrochemical company, Slovakia

### APPLICATION DATE

2020

### APPLICATION SITUATION

The customer recorded water leakage in system. Underground pipe had developed thin-wall defect. They tried to weld this damaged place several times. On the thin wall they found permanently new damages (also like thermal influence from welding)

### PROBLEM

Underground pipe had developed thin-wall defect.

### PRODUCTS

Belzona 1111 (Super metal)

Belzona 9381 (SuperWrap II reinforcement sheet)

Belzona 1982 (SuperWrap II)

Belzona 9382 (Release film)

### SUBSTRATE

Steel

### APPLICATION METHOD

The application was completed in accordance with Belzona System Leaflet VPF-11. The surface was blasted to the 75 microns profile and cleanliness Sa 2.5. Then the surface was chemically cleaned. To ensure a good profile (after plates welding) and damage repairs was Belzona 1111 used. Then Belzona 1982 and 9381 were applied in 2 layers. The system was then wrapped to Belzona 9382 to consolidate and compress during cure. Upper layer of the Belzona 9382 was removed after sufficient curing time.

### BELZONA FACTS

The customer was not able to receive the good pipe repair by conventional welding, because several multiply plates welding constantly caused new and another pipes damages. Super Wrap II was very excellent, quick and long term solution.

### PICTURES

1. Underground pipe had developed thin-wall defect
2. The surface was blasted to the 75 microns profile and cleanliness Sa 2,5
3. All system then was wrapped to Belzona 9382
4. Super Wrap II ready for use



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Q 09335  
ISO 14001:2004  
EMS 509612

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