

BELZONA PROTECTS PIPELINE FROM MILLSCALE WEAR

ID: 3890



PROBLEM

Corrosion and erosion in the lower third of the pipeline caused by abrasion from the millscale .

APPLICATION SITUATION

500m long and 1.5m diameter Raw Water pipeline loaded with millscale.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet VPF-2.

BELZONA FACTS

Following a trial over several months, competing with an alternative solution (which did not last), Belzona 4111 was chosen to protect the lower sections of the pipeline. Its fast cure speed reduced the repair duration. The application was carried out over 5 years: 100m/year (45 buckets/year). After the inspections carried out in 2000, 2001 and in 2002, the product is still in perfect condition. To aid access/application steps were created with Belzona 4111 in a skloping section of the pipeline.

INDUSTRY

General Industry

LOCATION

Steel plant, South of France

APPLICATION DATE

September 1990

PRODUCTS

Belzona 4111 (Magma-Quartz)

SUBSTRATE

Steel

PHOTOS

1. Application of Belzona 4911 after gritblasting the substrate
2. Beginning the application of Belzona 4111
3. Application in progress
4. Creating steps with Belzona 4111 on a sloping area of the pipeline, in order to facilitate the inspection

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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