

## BELZONA EXTENDS THE LIFE OF SLURRY PUMP CASINGS

### CUSTOMER

Copper Mining Company, Bulgaria

### APPLICATION DATE

February, 2016

### APPLICATION SITUATION

Three casings of Slurry pumps with removable thick rubber protectors at flotation production site.

### PROBLEM

The casings were badly worn, even through the whole thickness in some places.

### PRODUCTS

Belzona 1311 (Ceramic R-Metal)

### SUBSTRATE

Carbon Steel

### APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet CEP-5. Surfaces were mechanically abraded. Then all pitting and damage was filled with Belzona 1311 and when cured the surfaces were smoothed by grinding.

### BELZONA FACTS

Application took three days to be completed. The customer saved €30,000 of not buying new casings compared to only 10-15% for a Belzona repair. The customer wanted to try Belzona on these casings as they had previous experience in 2015. Two large centrifugal pumps were repaired and protected, when the pumps were opened for inspection after 9 months they were found to be in good condition.

### PICTURES

1. General view of casing before repair
2. Manual preparation of repaired surfaces
3. Application in progress
4. Final view of completed application.



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Q 09335  
ISO 14001:2004  
EMS 509612

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