

## BELZONA BRIDGES THE GAP

### CUSTOMER

Wastewater treatment plant - United Kingdom

### APPLICATION DATE

February 1999

### APPLICATION SITUATION

A new pipe work section required connecting to existing pipe work.

### PROBLEM

Having to connect new, industrial polypropylene pipe to the old iron pipe which is severely pitted, making it impossible to obtain a water tight seal for the joint sealing ring.

### PRODUCTS

Belzona® 1111 (Super Metal)

### SUBSTRATE

Iron

### APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets VPF-1, -10.

### BELZONA FACTS

Due to restricted and muddy working conditions it was not possible to allow machinery to be used for this repair, therefore a hand-held angle grinder was used to prepare the surface. The Belzona® 1111 made a smooth collar around the pipe thus providing a watertight seal.

### PICTURES

1. Overhead view of both old and new pipe before repair and connection
2. The sections of pipes that were to be connected.
3. Run the pipes with connecting collars, following Belzona repair.
4. Completed repair.



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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