

## Belzona Protects Drum Thickeners Against Corrosion



Original corroded condition



Blasted ready for repair and coating



Belzona® 5811 first coat complete



Completed application

### STATISTICS

#### CUSTOMER

Wastewater Treatment Plant,  
UK

#### APPLICATION DATE

August 2007

#### SUBSTRATE

Carbon Steel

#### PRODUCTS

Belzona® 1111  
Belzona® 5811

#### APPLICATION SITUATION

Drum thickener casing.

#### PROBLEM

The mechanical drum thickener casings at this plant had corroded in service from contact with chlorides & sulfates present in the wastewater sludge being processed.

#### APPLICATION METHOD

The application was carried out in accordance with Belzona System Leaflet TCC-5.

#### BELZONA FACTS

After grit blasting the units any pitting corrosion was filled with Belzona® 1111 followed by fully lining with 2 coats of Belzona® 5811. Following the successful completion of this set of Drum Thickeners this company have since coated a second set using the same procedure.