

## BELZONA REPAIR AND LINING OF MULTIMEDIA FILTER TANK AND ACTIVATED CARBON TANK.

### CUSTOMER

Bangkok, Thailand

### APPLICATION DATE

11 December 2014

### APPLICATION SITUATION

Lining of a 2.2 meter diameter by 1.5 meter high multimedia filter tank and a 1.2 meter diameter by 1.5 meter high activated carbon tank.

### PROBLEM

Corrosion found at internal surface of multimedia filter tank

### PRODUCTS

Belzona 1121  
Belzona 5811

### SUBSTRATE

Carbon Steel

### APPLICATION METHOD

Carbon steel surface was prepared by grit blasting with copper slag to achieve a minimum depth of 75 microns and surface cleanliness by Swedish standard Sa 2.5. Cleaned and brushed away any loose contaminant, then cleaned the surface with MEK. Applied the first coat of Belzona 5811 at a dry film thickness of 200-250 microns. If pitting damage was found, the area was repaired with Belzona 1121. A second coat of Belzona 5811 was applied at a dry film thickness of 200-250 microns.

### BELZONA FACTS

Belzona 5811 provides outstanding chemical resistance and protects equipment operating under immersion in aqueous solutions up to 50°C (122°F) from the effects of corrosion. This solvent-free material can be easily applied by brush or spray to virtually any metallic and non-metallic surface, simplifying maintenance work.

### PICTURES

1. Corrosion at internal surface of multimedia filter tank
2. Corrosion at internal surface of activated carbon filter tank
3. Repair of pitting damage area with Belzona 1121
4. Application of second coat of Belzona 5811



1.



2.



3.



4.

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



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