

# Belzona repair and coating internal surface of multimedia filter tank and activated carbon tank.

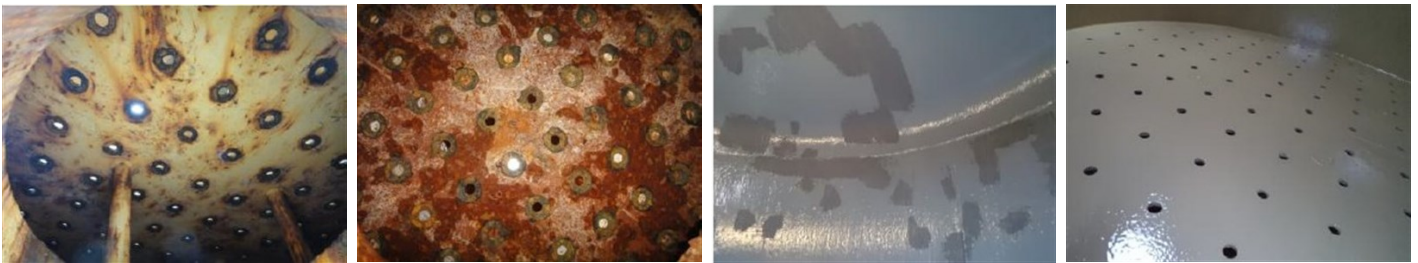
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Industry: *Food & Drink*  
Application: *TCC-Tanks and Chemical Containment Areas*  
Substrate: *Carbon Steel*  
Products: *\* Belzona 1121 ,  
\* Belzona 5811 ,*

Customer Location: *Bangkok, Thailand*  
Application Date: *11 December 2014*

## Problem

*Corrosion found at internal surface of multimedia filter tank*



## Photograph Descriptions

- \* 1. Corrosion at internal surface of multimedia filter tank ,
- \* 2. Corrosion at internal surface of activated carbon filter tank ,
- \* 3. Repaired pitting damage area with Belzona 1121 ,
- \* 4. Apply second layer with Belzona 5811 ,

## Application Situation

Coating internal surface of multimedia filter tank diameter 2.2 m. high 1.5 m. and activated carbon tank diameter 1.2 m. high 1.5 m.

## Application Method

1. Carbon steel surface will be prepare by grit blasting with copper slag to give a minimum depth at 75 microns and surface cleanliness by Swedish standard Sa 2.5
2. Clean and brush away any loose contaminate then cleaning the surface with MEK.
3. Apply first coat with Belzona 5811 immersion grade at dry film thickness 200-250 microns.
4. If find pitting damage area repair with Belzona 1121 Super XL Metal.

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

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
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5. Apply second coat with of Belzona 5811 immersion grade at dry film thickness 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 works.

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