

BELZONA REPAIR AND COATING INTERNAL SURFACE OF MULTIMEDIA FILTER TANK AND ACTIVATED CARBON TANK.

ID: 7710



PROBLEM

Corrosion found at internal surface of multimedia filter tank

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.
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.

INDUSTRY

Food & Drink

LOCATION

Bangkok, Thailand

APPLICATION DATE

11 December 2014

PRODUCTS

Belzona 1121
Belzona 5811

SUBSTRATE

Carbon Steel

PHOTOS

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

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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