

SULPHURIC ACID STORAGE TANK PROTECTED WITH BELZONA

CUSTOMER

Bangkok, Thailand

APPLICATION DATE

22 June 2016

APPLICATION SITUATION

Belzona coating internal surface of sulphuric acid storage tank diameter 2 metre height 2.5 metre

PROBLEM

The internal surface that corrosion occur inside the tank.

PRODUCTS

Belzona 1121 (Super XL-Metal)

Belzona 9341 (Reinforcement sheet)

Belzona 4311 (Magma CR1)

SUBSTRATE

Carbon Steel

APPLICATION METHOD

Carbon steel surface will be prepare by grit blasting with copper slag to give a minimum depth at 75 microns.

Clean and brush away any loose contaminate then cleaning the surface with MEK.

Repaired welding seem area at bottom tank with Belzona 1121 Super XL metal and Belzona 9341 reinforcement tape.

Apply first coat with Belzona 4311 Magma CR1 at dry film thickness 200 microns.

5. Apply second coat with Belzona 4311 Magma CR1 at dry film thickness 200 microns

BELZONA FACTS

The selected Belzona coating system was chosen for its effectiveness against the anticipated corrosion from the sulphuric acid. In addition, it presented a cost-effective and enviromentally-friendly product to apply.

PICTURES

1. Corrosion occur inside the tank
2. Carbon steel surface was prepared by grit blasting
3. Stop leak area with Belzona 1121 and Belzona 9341
4. Apply second coat of Belzona 4311



1.



2.



3.



4.

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



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