

# Belzona Protects Brand New Fertilizer Plant

ID: 7928

Industry: *Other*  
 Application: *TCC-Tanks and Chemical Containment Areas*  
 Substrate: *Concrete*  
 Products: *Belzona 4311 (Magma CR1),  
 Belzona 4151 (Magma-Quartz Resin),*

Customer Location: *Hungary*  
 Application Date: *2007*

## Problem

*The area was expected to be exposed to 98% sulfuric acid spillages and also heavy vehicle traffic.*



Application area being tented out



Belzona 4311 after being applied



Coated fertiliser plant area



Wear pads and flooring system 8 years later

## Application Situation

Brand new granulating plant in a fertilizer factory containing 98% sulfuric acid.

## Application Method

Application was carried out in accordance with Belzona Know-How system Leaflets TCC-15 and TCC-08. The outside area was tented out and the new concrete was coated with Belzona 4311. A special mortar mix of Belzona 4151 and AL203 ceramic aggregate was made for the 2 pads for the tractors feet to rest on, yellow tinted Belzona 4151 safety lines were also applied to help the driver park the tractor easily.

## Belzona Facts

Over the years it was found that when the tractor picked up the tanker it would push it 10-20 cm backwards, damaging the Belzona 4311 coating with it's metal feet. To prevent this 2 wear pads were mixed and applied. 8 years later and the system is still in good condition.

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

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