

BELZONA SEALS CHEMICAL BUNKERS FROM THE ENVIRONMENT

CUSTOMER

Fertilizer Plant, North Alabama USA

APPLICATION DATE

1999

APPLICATION SITUATION

Underground fertilizer storage bunker

PROBLEM

Water was penetrating into the expansion joints and cracks, reacting with old fertilizer which could cause further concrete failure and chemical release into the environment.

PRODUCTS

Belzona® 3111 (Flexible Membrane)

SUBSTRATE

concrete

APPLICATION METHOD

Application was carried out in accordance with a modified Belzona Know-How System Leaflet RPA-1. Surface prepared by pressure washing then all cracks and joints sealed with Belzona® 3111 system. A coat of clear cladding was applied over the entire concrete storage area.

BELZONA FACTS

Caulks and RTV had failed over the years due to UV degradation. Belzona® 3111 has lasted 10 years with minor repairs due to structural movement.

PICTURES

1. Cleaning the concrete
2. Overall view of cracks conditioned with Belzona® 3911
3. Joints and cracks sealed with Belzona® 3111
4. Spraying coat of clear cladding



1.



2.



3.



4.

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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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