

BELZONA SEALS CHEMICAL BUNKERS FROM THE ENVIRONMENT

ID: 1187



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.

APPLICATION SITUATION

Underground fertilizer storage bunker

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.

INDUSTRY

General Industry

LOCATION

Fertilizer Plant, North Alabama USA

APPLICATION DATE

1999

PRODUCTS

Belzona 3111 (Flexible Membrane)

SUBSTRATE

concrete

PHOTOS

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

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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