

BELZONA SEALS CHEMICAL BUNKERS FROM THE ENVIRONMENT

ID: 1187

Industry: General Industry
Application: RPA-Roof Problem Areas
Substrate: concrete
Products: Belzona® 3111 (Flexible Membrane)

Customer Location: Fertilizer Plant, North Alabama USA
Application Date: 1999

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.



Photograph Descriptions

* Cleaning the concrete , * Overall view of cracks conditioned with Belzona® 3911 , * Joints and cracks sealed with Belzona® 3111 , * Spraying coat of clear cladding ,

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.

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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