

BELZONA PROVIDES LONG TERM REPAIRS TO CLARIFIER

ID: 1265

Industry: *Water / Wastewater*

Customer Location: *Sewage treatment plant, South East Virginia*

Application: *TCC-Tanks and Chemical Containment Areas*

Application Date: *July 2003*

Substrate: *Concrete*

Products: *<div>Belzona® 4141 (Magma Build)</div><div>Belzona® 4111 (Magma Quartz)</div>*

Problem

Severe cracks appearing in concrete walls and spalling concrete over re-bar on columns.



Photograph Descriptions

* Spalled concrete on vertical column prepared and conditioned , * Spalling on vertical columns being repaired with Belzona® 4141 ,
* Cracks in Wall repaired with Belzona® 4111 , * Picture of clarifier in 2008 after 5 years service ,

Application Situation

Main Clarifier of Sewage Treatment Plant.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-9. Belzona® 4141 used to rebuild spalled columns and Belzona® 4111 used on cracked walls.

Belzona Facts

Customer previously used lower cost alternatives but did not last for long. These Belzona repairs in the Clarifier have been in service for 5 years without failure.

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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