

# BELZONA PROTECTS CONTACTER TANK

ID: 1396

**Industry:** Water / Wastewater  
**Application:** TCC-Tanks and Chemical Containment Areas

**Customer Location:** Water treatment plant, New Jersey  
**Application Date:** 2008

**Substrate:** Concrete

**Products:** \* Belzona® 5111 (Ceramic Cladding) ,  
\* Belzona® 5911 (Ceramic Conditioner) ,  
\* Belzona® 4111 (Magma Quartz) ,

## Problem

Sodium Hypochlorite vapors had destroyed the concrete walls above the water line. The previous coating, an inexpensive commodity product, failed in this aggressive chemical environment.



## Photograph Descriptions

- \* The deteriorated tops of the concrete wall ,
- \* Tops removed and cleaned up ,
- \* Belzona® 5111 tinted sky blue. ,
- \* Spillway rebuilt with Belzona® 4111 ,

## Application Situation

Final Chlorine contact tank at municipal waste water plant.

## Application Method

Application carried out in accordance with Belzona Know-How System Leaflets TCC-9 & WPA-2. The deteriorated tops of the concrete wall were removed and replaced. The walls were then prepared by grit-blasting before applying the Belzona® 5111 system (tinted blue). Belzona® 4111 was used to repair the spillway.

## Belzona Facts

Belzona products were chosen for their proven chemical resistance to the aggressive chemicals used in modern-day waste water

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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