

# Activated Carbon Tank Hole Repair

ID: 9595

Industry: *Chemical & Petrochemical*  
 Application: *TCC-Tanks and Chemical Containment Areas*  
 Substrate: *Carbon steel*  
 Products: *Belzona 1111 (Super Metal)*

Customer Location: *Ontario*  
 Application Date: *September 2023*

## Problem

*Tank which contains activated carbon was wearing off the tank and caused a hole which requires repair.*



Tank showing hole defect.

After repair.

## Application Situation

The pH value of the activated carbon is causing deterioration of the tank which further caused a hole. Customer was advised to use bonding of a metal plate of close thickness to the tank on the hole and covered with Belzona 1111.

## Application Method

Surface cleaning of the tank and metal plate was done using power tool. An applicator was used to apply Belzona 1111 on the metal plate and bonded to the tank. Additional application of the product was done on the plate afterwards.

## Belzona Facts

Replacement of tank was expensive and quick turnaround was experienced. After a year of application, customer wants to repair another tank due to the performance of the initial one.

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ISO 9001:2015  
 FS 695214  
 ISO 14001:2015  
 EMS 695213

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