

# Belzona cold plate bonds in flour silo

ID: 9617

Industry: *Food & Drink*

Customer Location: *Scotland*

Application: *TCC-Tanks and Chemical Containment Areas*

Application Date: *September 2015*

Substrate: *Carbon steel*

Products: *Belzona 1111 (Super Metal), Belzona 1341 (Supermetalglide)*

## Problem

*Corrosion in flour silos had lead to through wall defects*



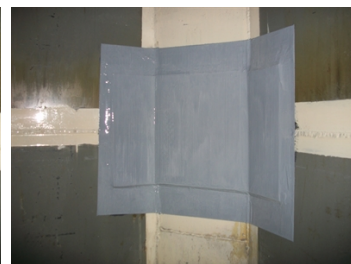
Corroded area



Preparation with MBX



Plates bonded



Overcoated with Belzona 1341

## Application Situation

Due to the explosion risk inside flour silos no hot works were permitted.

## Application Method

A pneumatic MBX Bristle Blaster was used to prepare the metal surface. Plates were then bonded with Belzona 1111 to reinforce the holed areas. Two coats of Belzona 1341 were then applied to provide a low friction surface to prevent hand up of flour.

## Belzona Facts

By using the Belzona solution for these repairs they could be carried out quicker & safer than the traditional weld option.

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.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**<sup>®</sup>  
Repair • Protect • Improve