

# Application Focus

## Cold Bonding

Using conventional methods such as welding to make repairs to equipment such as hoppers, tanks, flanges, support pads and pipework leads to a number of problems such as:

- Need to de gas equipment
- Need to stress relieve
- Risk of Bi- Metallic Corrosion
- Health and safety hazards
- Downtime
- Environmental damage
- On going maintenance costs

These implications can be quickly and simply prevented by using a **Belzona® Cold Bonding Solution**.

By utilising a cold applied Belzona solution, bonding can be carried out in situ, through a simple injection or 'glue' method as an alternative to high risk repairs associated with hot work.

**Belzona® can provide the alternative to welding and hot work that will:**

- Provide corrosion protection to bonded items
- Avoid expensive replacement costs
- Eliminate the dangers of hot work
- Minimise downtime
- Avoid on site machining
- Eliminates the need for stress relief



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

Belzona® provides the solution to your repair and maintenance needs.

  
**BELZONA®**  
Repair • Protect • Improve

## Application Case Study

“ The existing coating of this Oil Distribution storage tank had delaminated exposing the tanks steelwork. This in turn allowed corrosion leading to holes in the roof of the tank. ”



### Cold Bonding Solution

Belzona provided a cost effective and long lasting solution in which plates were bonded over the holes. The customer chose the Belzona solution as it eliminated the need for welding . The tanks contained paraffin and diesel which could have been potentially dangerous.

### Local Service Technical Advice

Through a network of trained Technical Consultants Belzona can provide a full 24 hour on-site service with guidance and technical advice on the **Belzona® Cold Bonding Solution**.

Backed by a specialist Belzona global engineering team, the Technical Consultant will diagnose the problem, recommend the solution and supervise the application, with training for on-site maintenance personnel also available if required.



For more information, please contact your local Belzona® representative:



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

