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.

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

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.

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