

# Application Focus

## Chemical Containment Areas

Chemical containment areas, including bunds, sumps, plinths, channels and sluices are susceptible to deterioration through attack from chemicals and mechanical or structural damage.

If the deterioration is not addressed, the structural integrity of the containment area will be seriously undermined, with the potential for chemical leakage and structural failure, resulting in:

- Unplanned outages
- Environmental contamination
- Safety hazards
- Large fines and criminal proceedings

These costly after-effects can be prevented using the **Belzona® Chemical Containment Areas Solution**.

By utilising a cold-applied, cost effective Belzona® solution, chemical containment areas can be repaired and protected to resist chemical attack. This results in preservation and long-term protection of the containment area, eliminating leakage and environmental contamination as well as ensuring compliance with current legislation.

**Belzona® can provide the answer to erosion and deterioration in chemical containment areas that will:**

- Reduce environmental impact
- Minimise downtime
- Meet legislative requirements
- Eliminate expensive replacement costs



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

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

  
**BELZONA®**  
Repair • Protect • Improve

# Application Case Study

“ A chemical refinery needed a rebuilding and protection solution to their chemical containment areas, which were constantly exposed to hydrochloric and hydrofluoric acids, severely eroding the concrete substrate. ”



## Chemical Containment Areas Solution

Belzona® provided an effective, long-term solution where previously five alternative coatings had failed to protect the concrete containment areas. **Eroded areas were rebuilt and coated to exact dimensions without the need for concrete, successfully withstanding the present acids and saved the customer time and money.**

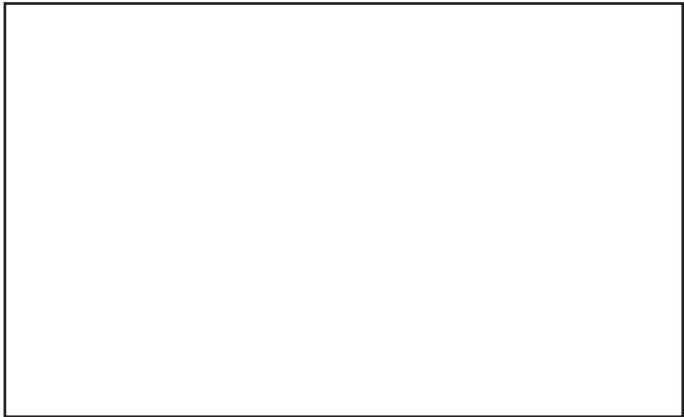
## Local Service Technical Advice

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® Chemical Containment Areas Solution.**

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

For further detailed information refer to:  
 Belzona® **Product Specification**  
 Belzona® **Instructions For Use**  
 Belzona® **KNOW-HOW** *In Action*

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



- High Adhesion**  
Ensures long service life
- Impact Resistance**  
Minimal remedial repairs
- Seamless**  
Seals around irregular contours
- Durable**  
Withstands industrial environments
- Environmentally Friendly**  
No VOCs
- No Shrinkage**  
Permanent repair
- Chemical Resistant**  
Withstands a wide range of chemicals
- Constant Immersion**  
Peace of mind

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