

Industry Focus

Performance and Reliability in Water/Wastewater

In processing raw sewage to high quality potable water, water treatment plants are exposed to erosion-corrosion, chemical attack, and abrasion problems that result in increased operational costs.

Belzona can provide a cost effective solution to such maintenance problems by minimizing downtime, labor, and equipment replacement costs, while at the same time increasing the efficiency of the plant and ensuring environmental compliance in:

- **Fluid handling equipment**
- **De-aerators, absorbers and process vessels**
- **Clarifiers**
- **Sludge de-watering**
- **Digesters**
- **Filtration**
- **Buildings and structures**
- **Mechanical damage to general equipment**



Additional Application Areas Include:

Lift Pump Stations

- Rebuilding and protecting impellers and castings
- Auger and trough erosion protection
- Chutes and hoppers abrasion protection

Sedimentation Units

- Concrete repair and protection
- Sludge pump repair
- Expansion joints

Aeration Units

- Leaking pipes and nozzles
- Eroded fans and blowers

Chemical Treatment

- Tank lining
- Pump protection

Sludge Treatment

- Sludge pumps
- Dewatering units
- Hopper abrasion protection

Methane System

- Corrosion to scrubber vessel
- Leaking gas and water piping
- Erosion-corrosion in gas compressors

Fluid Handling Equipment

- Maintain pump efficiency
- Improve pump performance
- Repair and protect leaking pipes
- Flange face protection
- Repair and protection of valves

Water Treatment

- Deteriorated filters and strainers
- Chemical containment areas

For more information, please contact your local Belzona representative.



Service

Through a global distribution network, covering 120 countries, Belzona can provide a full 24-hour, on-site service with guidance and technical advice on the application of Belzona products. This service is available through the local Belzona Consultant.

Experience

Since 1952, Belzona has provided global expertise in the development and manufacture of innovative repair and protection solutions. Across a range of industries, Belzona's track record has gained the confidence of countless engineers, contractors, and maintenance personnel worldwide.

Technology

Belzona products are engineered to withstand the most aggressive environments such as erosion, corrosion, abrasion, chemical attack, and mechanical damage, extending equipment life, and improving efficiency.

Reliability

Industry can count on Belzona to provide a prompt response, whether it is an emergency repair, or simply a routine maintenance issue.

People

From the chemists and engineers in the Belzona centers, to the network of local Technical Consultants, each person is part of the Belzona team, knowledgeable and trained in solving the problems of your specific industry.

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Europe & Africa
Belzona Polymers Ltd.
Harrogate, UK
t: +44 1423 567641
f: +44 1423 505967
e: belzona@belzona.co.uk

The Americas
Belzona Inc.
Miami, FL USA
t: +1 (305) 594-4994
f: +1 (305) 599-1140
e: belzona@belzona.com

Asia & Oceania
Belzona Asia Pacific
Chonburi, Thailand
t: +66 38 378099
f: +66 38 378098
e: belzona@belzona.com

China
Belzona Hong Kong
Hong Kong, China
t: +852 3101 7461
f: +852 3101 7530
e: belzona@belzona.hk


BELZONA®
Repair • Protect • Improve