

# Industry Focus

## Performance and Reliability in Marine Maintenance

Marine vessels routinely face varied and adverse operating conditions and the task of ensuring continued seaworthiness by keeping every component in working order is a true engineering challenge.

Belzona® provide cost effective and simple to use alternatives to traditional maintenance methods, with solutions designed to minimise maintenance time, labour and replacement costs whilst extending component life in areas such as:

- **Erosion corrosion to kort nozzles, rudders and appendages**
- **Damaged engine blocks**
- **Galvanic corrosion to heat exchangers, pumps and fluid flow equipment**
- **Marine specific repair kits**



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

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

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

# Additional Application Areas Include:

## Rudder Assemblies

- Cavitation and Corrosion Protection
- Reseating and bonding of bearings and pintle liners
- Restoring pintle taper housings and protection from galvanic corrosion

## Propulsion Units

- Cavitation and corrosion protection for Kort nozzles and waterjets
- Erosion corrosion protection for bowthrusters
- Repair of sealing surfaces on CP Propellers
- Cavitation erosion protection of A-Frame brackets

## Fluid flow equipment

- Pump repairs
- Valve repairs
- Efficiency enhancing coatings
- Heat exchanger tube sheet damage
- Water box corrosion protection

## Engines & gearboxes

- Cavitation repair and protection in engine blocks
- O-ring seal housing restoration of liners
- Cracked casing repairs
- Noise and temperature reducing gearbox oil lubricants

## Shafts & bearings

- Worn shaft restoration
- Rebuilding of oversized bearing housings
- Tailshaft wrapping

## Seals & rubber components

- Repairs to bellows and expansion joints
- Impact and abrasion resistance for fenders and hovercraft skirts
- Hatchcover and door seals

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:

## 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, 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 throughout the world.

## 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® centres, 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.



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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

