

Product Data

Repair and Rebuild Composite for Erosion-Corrosion Damage

Belzona® 1311 (Ceramic R-Metal) is a two component repair composite for the rebuilding and protection of metal components damaged by erosion-corrosion.

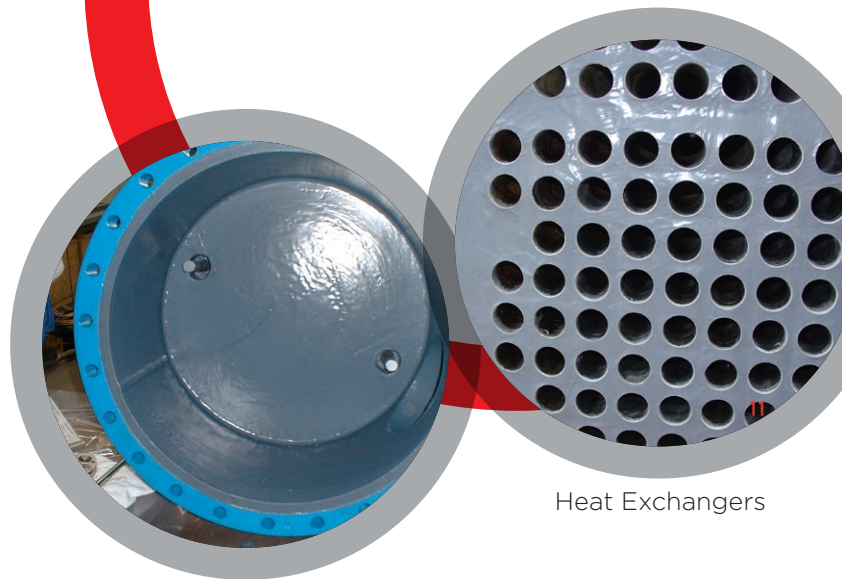
Belzona® 1311 (Ceramic R-Metal) will:

- Simplify maintenance procedures
- Rebuild damaged equipment
- Protect against erosion-corrosion
- Minimise downtime
- Reduce the need for spare parts

Belzona® 1311 (Ceramic R-Metal) is a non-machinable grade repair composite that can easily be applied by hand to damaged metallic components. This composite can also be used as a strong structural adhesive for bonding or creating irregular shims.

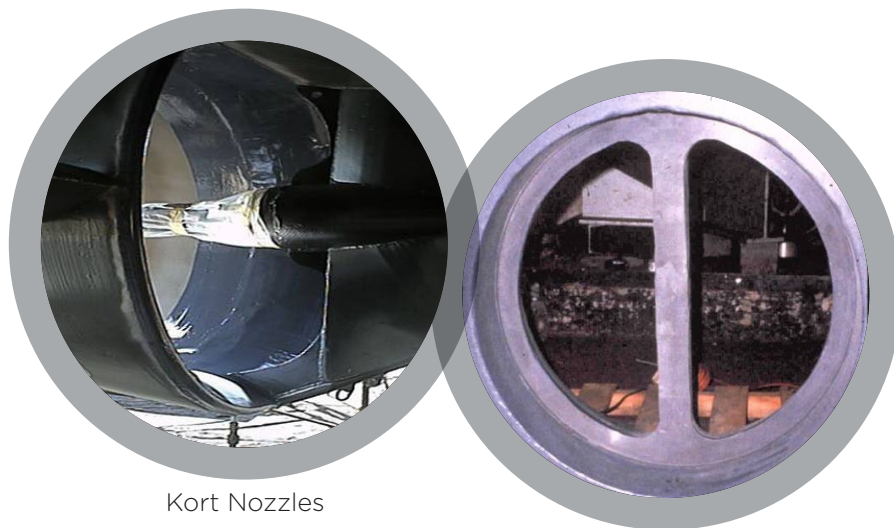
Belzona® 1311

Ceramic R-Metal



Water Box End

Heat Exchangers



Kort Nozzles

Butterfly Valves

Applications for Belzona® 1311 (Ceramic R-Metal) include:

- Propellers
- Butterfly valves
- Heat exchangers
- Pipe elbows
- Centrifugal and turbine pumps
- Water box ends
- Bow thrusters
- Kort nozzles
- Impellers
- Tail shafts
- Injectors

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


BELZONA[®]
Repair • Protect • Improve

Belzona® 1311 (Ceramic R-Metal) is:

Simple

- No specialist tools required
- Easy application by spatula
- Simple mixing ratio

Safe

- Cold temperature cure ensures no fire risk
- Excellent electrical insulation characteristics
- Complete safety on dissimilar metals
- Improved safety by reducing the need for hot work

Versatile

- Moulds to precise contours
- No shrinkage, expansion or distortion
- Apply thin or thick sections in one application

Effective

- Outstanding erosion-corrosion resistance
- Excellent adhesion to all metallic substrates
- Resistant to a wide range of chemicals
- Does not corrode

QUALITY PRODUCTS - TECHNICAL SUPPORT

The Belzona® product range is manufactured through stringent quality and environmental control guidelines complying with the internationally recognised requirements of **ISO 9001:2008** and **ISO 14001:2004**.

Belzona® has a global distribution network of over 140 Distributors operating in 120 countries. Local support is provided by a trained Technical Consultant who will diagnose the problem, recommend the solution and provide 24 hour on-site application supervision and advice.

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

Belzona® 1311

Ceramic R-Metal



Pump impellers

For further detailed information refer to:

Belzona® **Product Specification**

Belzona® **Instructions For Use**

Belzona® **KNOW-HOW** *In Action*

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