

Product Data

Industrial Coating for the Protection of Surfaces Subject to Erosion-Corrosion

Belzona® 1321 (Ceramic S-Metal) is a two component high strength coating for the protection of metal surfaces subject to erosion-corrosion. This Belzona® product is designed to operate under continuous immersion at temperatures up to 140°F (60°C)

Belzona® 1321 (Ceramic S-Metal) will:

- Simplify maintenance procedures
- Reduce the need for spare parts
- Protect against erosion-corrosion
- Extend equipment life

Belzona® 1321 (Ceramic S-Metal) can be applied without the need for specialist tools and will bond tenaciously to a wide range of substrates. This multipurpose polymeric coating will not corrode and has outstanding resistance to a wide range of chemicals.

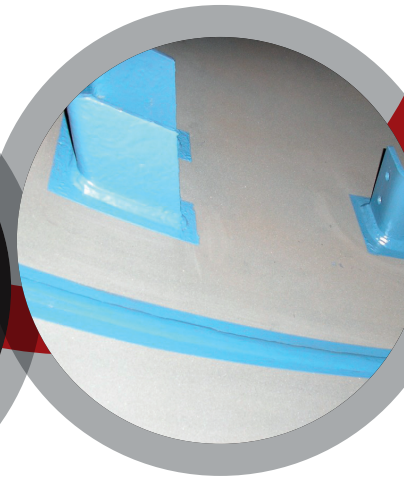
This material can also be used as an injection material for the shimming and bonding of components or as a high strength structural gap filler.

Belzona® 1321

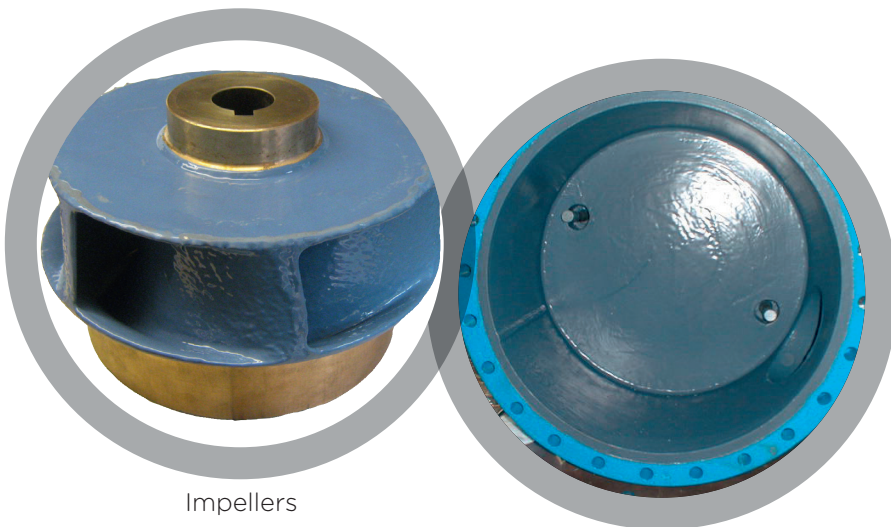
Ceramic S-Metal



Heat Exchangers



Separators



Impellers

Water Box Ends

Applications for Belzona® 1321 (Ceramic S-Metal) include:

- Centrifugal pumps
- Valves
- Vacuum pumps
- Process vessels
- Gas scrubbers
- Heat exchangers
- Impellers
- Flange faces
- Pipe elbows
- T- pieces
- Kort nozzles
- Water box ends
- Tail Shafts
- Bow Thrusters
- Rudder Bearings

www.belzona.com

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


BELZONA®
Repair • Protect • Improve

Belzona® 1321 (Ceramic S-Metal) is:

Simple

- No specialist tools required.
- Can be applied by brush, applicator or injection pistol
- Mix and use only what is needed

Safe

- Cold temperature cure ensures no fire risk
- Excellent electrical insulation characteristics
- Solvent free
- Suitable for contact with potable water

Versatile

- No shrinkage, expansion or distortion
- Bonds tenaciously to almost any rigid surface including steel, aluminium, copper, brass and glass reinforced plastics.

Effective

- Excellent resistance to abrasion and erosion-corrosion
- Outstanding chemical resistance
- High compressive strength
- Does not corrode

QUALITY PRODUCTS - TECHNICAL SUPPORT

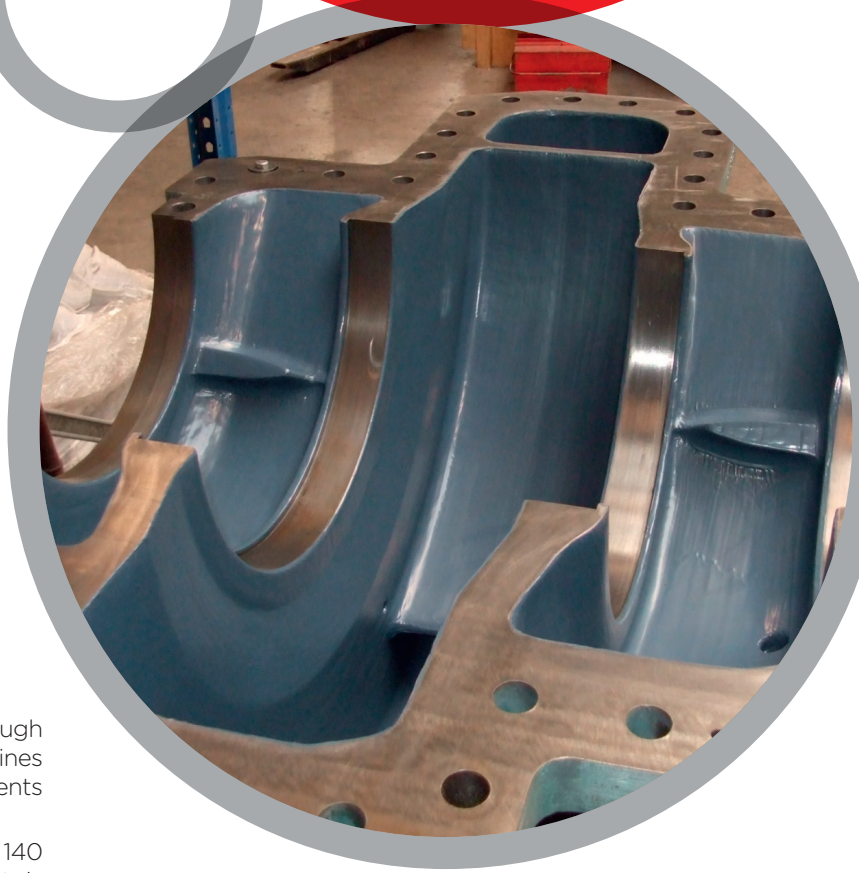
The Belzona® product range is manufactured through stringent quality and environmental control guidelines complying with the internationally recognised requirements of **ISO 9001:2008** and **ISO 14001:2004**.

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® 1321

Ceramic S-Metal



Pumps

For further detailed information refer to:

Belzona® **Product Specification**

Belzona® **Instructions For Use**

Belzona® **KNOW-HOW** *In Action*

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

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