

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:

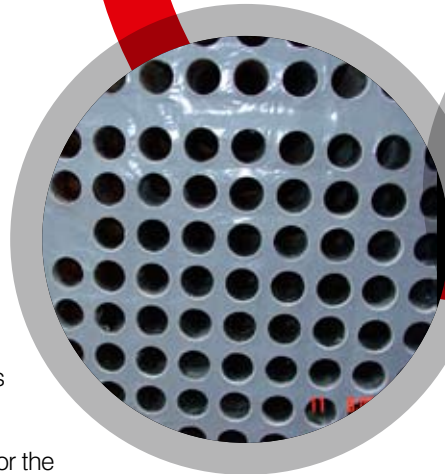
- Simplify maintenance procedures
- Reduce the need for spare parts
- Protect against erosion- corrosion
- Extend equipment life

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.

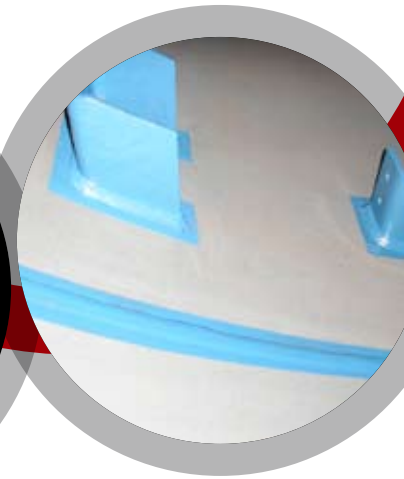
This material can also be used as an injection material for the shimming and bonding of components or as a high strength structural gap filler.

Belzona 1321

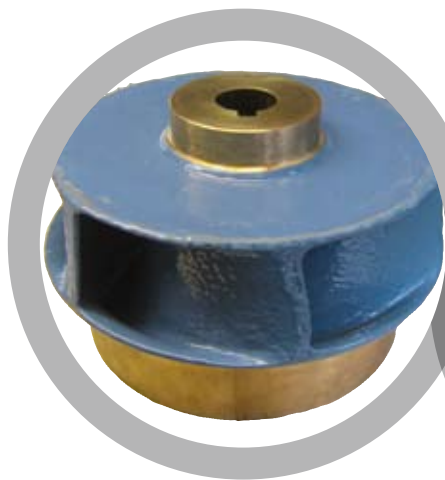
Ceramic S-Metal



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

www.belzona.com

Belzona provides the solution to your repair and maintenance needs.


BELZONA[®]
Repair • Protect • Improve

Belzona 1321

Ceramic S-Metal

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
- Good chemical resistance



Flange Faces

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 9001:2000** 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 further detailed information refer to:

Belzona **Product Specification**
Belzona **Instructions For Use**
Belzona **KNOW-HOW** *In Action*

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ISO 9001:2000
Q 09335
ISO 14001:2004
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