

Product Data

Industrial Coating for Corrosion Protection at Elevated Temperatures

Belzona 1591 (Ceramic XHT) is a two component high temperature coating system designed to resist water, hydrocarbons, aqueous solutions and pressurised steam up to a temperature of 180°C.

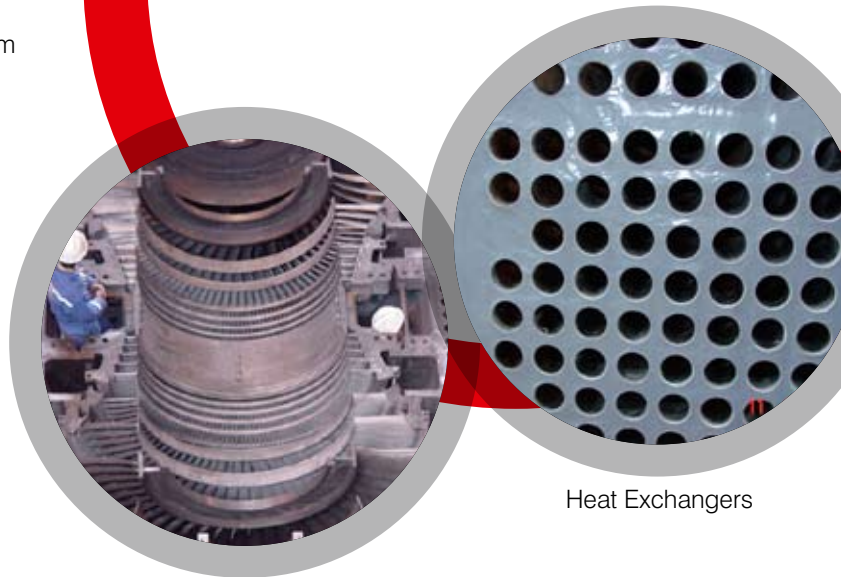
Belzona 1591 (Ceramic XHT) will:

- Simplify maintenance procedures
- Minimise downtime
- Provide excellent erosion-corrosion resistance
- Extend equipment life

Belzona 1591 (Ceramic XHT) exhibits excellent erosion corrosion resistance at elevated temperatures, through a unique binary curing mechanism. This mechanism allows application and cure at ambient temperatures with additional higher temperature resistance being achieved in service through post curing.

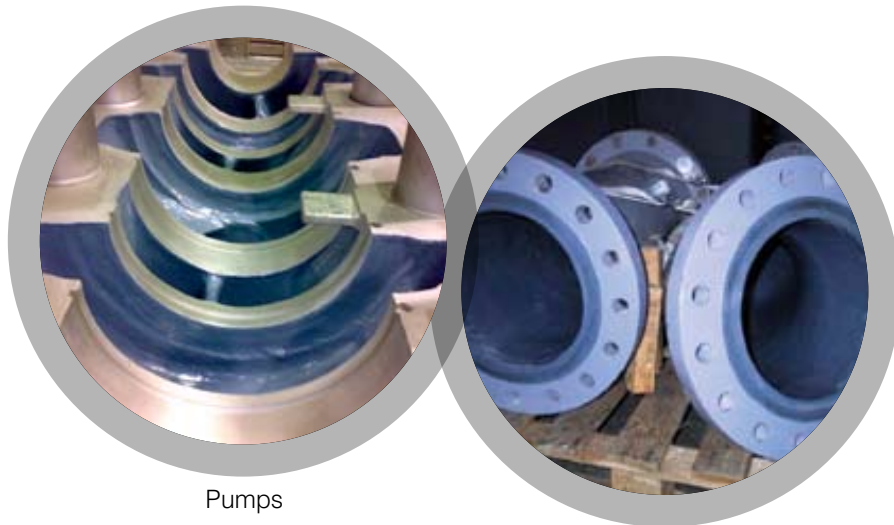
Belzona 1591

Ceramic XHT



Steam Turbine Casings

Heat Exchangers



Pumps

Isolation Spools

Applications for Belzona 1591 (Ceramic XHT) include:

- Separators
- Heat exchangers
- Knock-out drums
- Regenerators
- Pumps
- Absorbers
- Scrubbers
- Return tanks
- Steam turbine casings
- Distillation units
- Isolation spools

www.belzona.com

Belzona provides the solution to your repair and maintenance needs.


BELZONA[®]
Repair • Protect • Improve

Belzona 1591

Ceramic XHT

Belzona 1591 (Ceramic XHT) is:

Simple

- Easily mixed and applied
- Allows in service curing
- Applied as a single coat system

Safe

- Spark testable for pin-holes and coating defects
- Solvent free

Versatile

- Bonds to a wide range of metallic substrates
- Adhesion maintained at elevated temperatures
- Suitable for use in pressurised water systems up to 180°C
- Accidental mechanical damage & application defects easily repaired

Effective

- Resistant to thermal cycling
- Resistant to steam outfl process
- Excellent resistance to a wide range of chemicals
- Resistance to high pressures
- Corrosion protection in immersed conditions at temperatures in excess of 180°C
- Ability to withstand rapid depressurisation
- Outstanding resistance to blistering



Separators

QUALITY PRODUCTS – TECHNICAL SUPPORT

For further detailed information refer to:

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

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.

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ISO 9001:2000
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ISO 14001:2004
EMS 509612

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