

# Product Data

## Fast Curing Repair Composite

Belzona 1221 (Super E-Metal) is a two component emergency repair composite based on a ceramic steel reinforced polymer system. This fully machinable Belzona product can be used for the permanent bonding, repairing or rebuilding of metallic components.

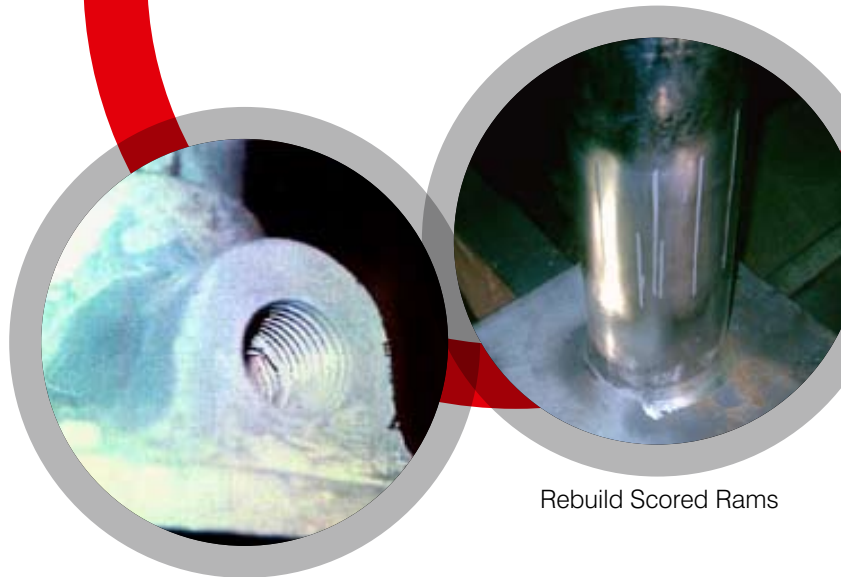
### Belzona 1221 (Super E-Metal) will:

- Simplify maintenance procedures
- Reduce the need for spare parts
- Cut downtime
- Improve safety by reducing hot work

Belzona 1221 (Super E-Metal) can be applied without the need for specialist tools. It will bond strongly to almost any rigid surface and can be machined using conventional tools. This multipurpose emergency repair material will not corrode and is resistant to wide range of chemicals.

## Belzona 1221

Super E - Metal



Reform Stripped Threads

Rebuild Scored Rams



Seal Leaking Hoppers

Reseat Bearings

### Applications for Belzona 1221 (Super E-Metal) include:

- Leaking pipes
- Scored hydraulic rams
- Leaking tanks
- Stripped threads
- Fractured and holed castings
- Bearing seats
- Damaged insulators
- Ducts
- Hoppers

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

Belzona provides the solution to your repair and maintenance needs.

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

# Belzona 1221

Super E - Metal

## Belzona 1221 (Super E- Metal) is:

### Simple

- Easily mixed and applied
- No specialist tools required

### Safe

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

### Versatile

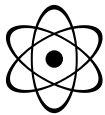
- Fully machinable with conventional tools
- Moulds to precise contours
- Apply thin or thick sections in one operation
- Bonds strongly to almost all rigid substrates
- No shrinkage, expansion or distortion

### Effective

- High mechanical strength in minimal time
- Outstanding adhesion properties
- Rapid return to service
- Does not corrode
- Good chemical resistance



Insulator Sealing



Nuclear Industry DBA  
Approval in accordance with  
ASTM D 3911

For further detailed information  
refer to:

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

## 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.

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ISO 9001:2000  
Q 09335  
ISO 14001:2004  
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