

# Product Data

## Multi-Purpose, Machinable Repair & Rebuild Composite with Extended Working Life

Belzona® 1121 (Super XL-Metal) is a two component paste grade material based on a ceramic steel reinforced polymer system. This fully machinable product provides a cost effective solution to general engineering repairs.

### Belzona® 1121 (Super XL-Metal) will:

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

Belzona® 1121 (Super XL-Metal) can be applied in hot climates and where accurate alignment or placement of large volumes of material is required.

## Belzona® 1121

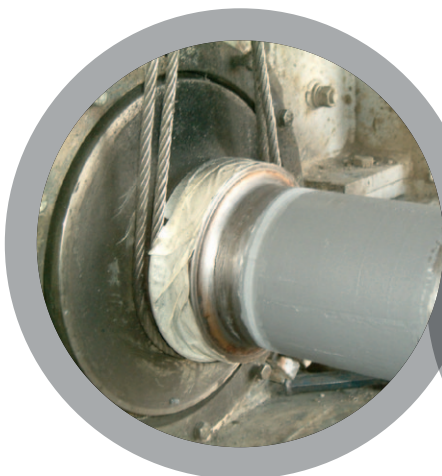
Super XL-Metal



Flange Forming



Shimming



Shaft Rebuild



Piston Rebuild

### Applications for Belzona® 1121 (Super XL-Metal) include:

- Undersized/scored shafts
- Fractured pipes
- Distorted flange faces
- Oversized bearing/bush housings
- Fractured and holed castings
- Leaking tanks
- Scored machine beds
- Load bearing shims
- Corroded pipework

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

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

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

# Belzona® 1121 (Super XL-Metal) is:

## Simple

- Easily mixed and applied (1:1)
- No specialist tools required
- Mix and use only what is needed
- Long working life

## Safe

- Excellent electrical insulation properties
- Solvent free
- Low temperature cure ensures no fire risk

## Versatile

- No expansion, contraction or distortion during cure
- Moulds to precise contours
- Fully machinable with conventional tools
- Apply thin or thick sections in one operation
- Bonds strongly to most substrates

## Effective

- High adhesion to most substrates
- High mechanical strength
- Does not corrode
- Outstanding chemical resistance to a wide range of chemicals

# Belzona® 1121

Super XL-Metal



Plate Bonding

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



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

Belzona products are manufactured under an  
ISO 9000 Registered Quality Management System

