

# Product Data

## Self Lubricating Metal Repair System

Belzona® 1131 (Bearing Metal) is a two component paste grade repair system with self lubricating properties for creating low friction surfaces subject to intermittent contact and low specific loads.

### Belzona® 1131 (Bearing Metal) will:

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

This fully machineable product can be applied without the need for specialist tools and bonds to virtually any surface including steel, aluminium, copper, fibreglass laminate, stainless steel, glass, concrete and brass.

Belzona® 1131 (Bearing Metal) has a unique micro-porous structure to trap and hold lubricating oil, minimising friction at start up.

## Belzona® 1131 Bearing Metal



Bushings

Bearings



Low Friction Surfaces

Pipe Supports

### Applications for Belzona® 1131 (Bearing Metal) include:

- Shafts
- Bearings
- Bushings
- Guides
- Slideways
- Pipe supports
- Low friction surfaces

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

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

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

# Belzona® 1131 (Bearing Metal) is:

## Simple

- No specialist tools required
- Easily mixed and applied

## Safe

- Cold temperature cure ensures no fire risk
- Excellent electrical insulation properties

## Versatile

- No expansion, contraction or distortion during cure
- Apply thick or thin sections in one operation
- Stays in place when applied to overhead and vertical surfaces
- Bonds strongly to almost any surface
- Moulds to precise contours
- Fully machinable with conventional tools

## Effective

- The porous oil- holding surface of the product minimises wear at start-up and reduces risk of seizure in the event of lubrication starvation.
- High mechanical strength
- Excellent heat resistance
- Outstanding chemical resistance to a wide range of chemicals

## 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® 1131

Bearing Metal



Shafts

For further detailed information refer to:

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

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