

# 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 machinable product can be applied without the need for special tools and bonds to virtually any surface including steel, aluminium, copper, fiberglass laminate, stainless steel, glass, concrete, and brass.

Belzona® 1131 (Bearing Metal) has a unique microporous structure to trap and hold lubricating oil, minimizing 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®**  
Repair • Protect • Improve

# Belzona® 1131 (Bearing Metal) is:

# Belzona® 1131

Bearing Metal

## Simple

- No specialist tools required
- Easily mixed and applied

## Safe

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

## Versatile

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

## Effective

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



Shafts

For more information, please contact your local Belzona representative.



## QUALITY PRODUCTS - TECHNICAL SUPPORT

The Belzona product range is manufactured through stringent quality and environmental control guidelines complying with the internationally recognized 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 trained Technical Consultants who will diagnose the problem, recommend the solution, and provide 24-hour on-site application supervision.

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

**Europe & Africa**  
Belzona Polymerics Ltd.  
Harrogate, UK  
t: +44 1423 567641  
f: +44 1423 505967  
e: [belzona@belzona.co.uk](mailto:belzona@belzona.co.uk)

**The Americas**  
Belzona Inc.  
Miami, FL USA  
t: +1 (305) 594-4994  
f: +1 (305) 599-1140  
e: [belzona@belzona.com](mailto:belzona@belzona.com)

**Asia & Oceania**  
Belzona Asia Pacific  
Chonburi, Thailand  
t: +66 38 378099  
f: +66 38 378098  
e: [belzona@belzona.cn](mailto:belzona@belzona.cn)

**China**  
Belzona Hong Kong  
Hong Kong, China  
t: +852 3101 7461  
f: +852 3101 7530  
e: [belzona@belzona.hk](mailto:belzona@belzona.hk)

  
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