

# Product Data

## Multi-Purpose, Water & Oil Tolerant Repair Composite

Belzona 1831 (Super UW-Metal) is a two component repair composite based on a silicon steel reinforced polymer system.

This fully machinable, surface-tolerant product displaces fluid from the substrate and therefore can be applied to wet and oily surfaces.

### Belzona 1831 (Super UW-Metal) will:

- Bond strongly to oily, wet and manually prepared substrates
- Cure underwater
- Simplify maintenance procedures
- Eliminate expensive replacement costs
- Minimise downtime
- Improve safety by reducing hot work

## BELZONA 1831

Super UW Metal



Cold Plate  
Bonding



Sealing Leaking  
Pipes



Joint  
Sealing



Oil Leak  
Repair

### Applications for Belzona 1831 (Super UW-Metal) include:

- Jetty steelwork
- Sweating pipework
- Oil and fluid leaks
- Flange leaks
- Ducting joints
- Fractured pipes
- Leaking tanks
- Cold plate bonding
- Shimming

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

Belzona provides the solution to your repair and maintenance needs.

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

## Belzona 1831 (Super UW-Metal) is:

### Simple

- Easily mixed and applied
- No special tools required
- Mix and use only what is needed

### Safe

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

### Versatile

- Excellent adhesion to oily and wet surfaces
- Cures underwater
- Fully machinable
- Moulds to precise contours
- No shrinkage, expansion or distortion
- Apply thin or thick sections in one operation

### Effective

- Prevents galvanic corrosion
- Does not corrode
- Good chemical resistance
- Excellent heat resistance



ISO 9001:2000  
Q 09335  
ISO 14001:2004  
EMS 509612

For further detailed information  
refer to:

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

### Belzona Polymerics Ltd.

Claro Road, Harrogate,  
HG1 4DS, England.  
Tel: +44 (0) 1423 567641  
Fax: +44 1423 505967  
belzona@belzona.co.uk

### Belzona Inc.

2000 N.W 88<sup>th</sup> Court, Miami,  
Florida 33172, U.S.A  
Tel: +1 (305) 594 4994  
Fax: +1 (305) 599-1140  
belzona@belzona.com

### Belzona Asia Pacific.

Rattakit Building, 29/13 Moo 9,  
Sukhumvit Road, Banglamung  
Chonburi 20150, Thailand.  
Tel: +66 38 378099  
Fax: +66 38 378098  
belzona@belzona.cn

# BELZONA 1831

Super UW-Metal



Flange Sealing

### 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 150 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.

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