

# Product Data

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

Belzona® 1161 (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® 1161 (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® 1161

Super UW-Metal



Cold Plate  
Bonding



Sealing Leaking  
Pipes



Joint  
Sealing



Oil Leak  
Repair

### Applications for Belzona® 1161 (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® 1161 (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

# Belzona® 1161

Super UW-Metal



Flange Sealing

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 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.



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

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

