

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 and 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 firmly to oily, wet, and not fully prepared substrates
- Cure underwater
- Simplify maintenance procedures
- Eliminate expensive replacement costs
- Minimize downtime
- Improve safety by reducing hot work

Belzona® 1831

Super UW-Metal



Cold Plate
Bonding



Sealing Leaking
Tanks



Joint
Sealing



Fractured Pipes

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

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Belzona provides the solution to your repair and maintenance needs.


BELZONA®
Repair • Protect • Improve

Belzona® 1831 (Super UW-Metal) is:

Belzona® 1831

Super UW-Metal

Simple

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

Safe

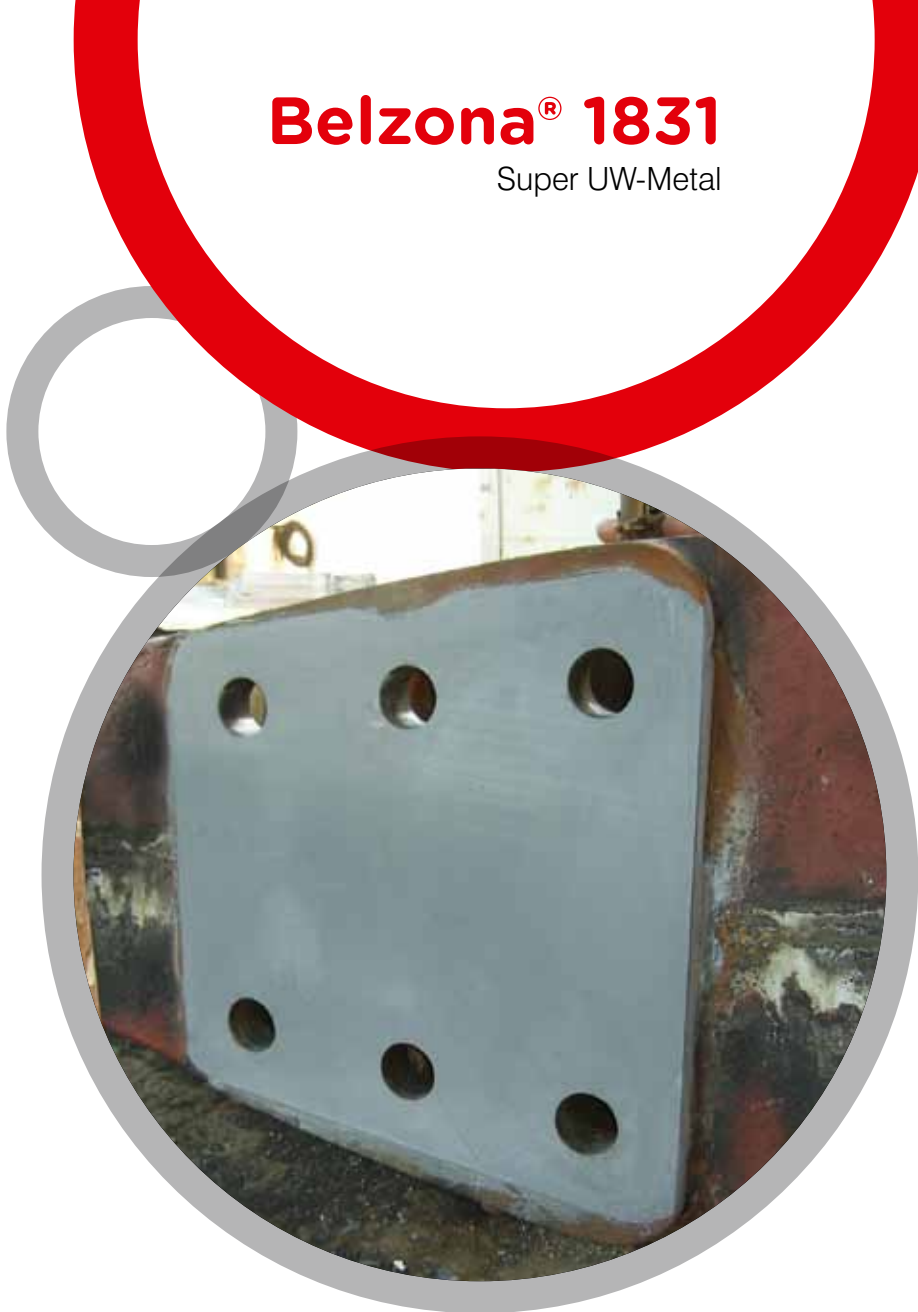
- Low temperature cure ensures no fire risk
- Excellent electrical insulating characteristics
- Solvent free

Versatile

- Excellent adhesion to oily or wet surfaces
- Cures underwater
- Fully machinable
- Molds 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



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 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

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