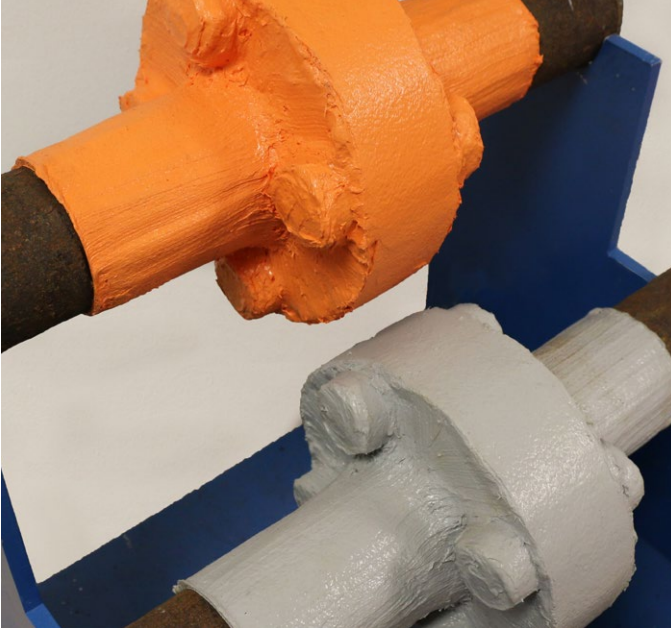


Encapsulating membrane for flanges, fittings and connectors



BELZONA
3412



Belzona 3412 is a flexible encapsulating membrane, which protects various joints and equipment from moisture ingress, dust and the environment.

It can be spray- or brush-applied to new or corroded assets, eliminating corrosion. Fibres in its formulation enhance Belzona 3412's durability, whilst the in-built corrosion inhibitor ensures long-term protection.

When used in conjunction with Belzona 8411, a release agent/corrosion inhibitor, Belzona 3412 can be cut and peeled for inspection during maintenance, then resealed for continued protection.

Belzona 3412 is available in two colours: grey and bright orange for high visibility. It is also an isocyanate-free system.

TECHNICAL DATA	Mixing ratio <i>(Base : Solidifier)</i>	Full unit mixing, 13 : 1 by weight		
	Working life	40 minutes at 20°C/68°F and 50% relative humidity		
	Adhesion (90° peel) <i>to manually prepared surfaces</i>	Carbon steel: >22 pli (390 kg/m)	Solvent-free epoxy paint: >16 pli (290 kg/m)	Solvent-borne polyurethane paint: >17 pli (300 kg/m)
	Corrosion resistance	No rusting or blistering when exposed for 6000 hours in the salt spray cabinet operating to ASTM B117		
	Elongation, <i>tested to ASTM D412 (Die C)</i>	Reinforced with Belzona 9311: 85%	Unreinforced: 270%	
	Tensile strength, <i>tested to ASTM D412 (Die C)</i>	Reinforced with Belzona 9311: 420 psi (2.9 MPa)	Unreinforced: 260 psi (1.8 MPa)	
	Heat resistance	70°C/158°F		
	Tear strength, <i>tested to ASTM D624 (Die C)</i>	Reinforced with Belzona 9311: 110 pli (1960 kg/m)	Unreinforced: 46 pli (820 kg/m)	
	Shelf life	2 years		

*Please consult the Product Specification Sheet (PSS) and Instructions for Use (IFU) for the latest technical data.



NO HOT WORK



SPRAYABLE OR
BRUSH-APPLIED



WEATHERPROOF



DURABLE



FLEXIBLE IN
SERVICE



INSPECTABLE

Application Areas:

Sealing joints, bolts and nuts

Sealing flanges, fittings and other connectors to protect them from the environment.

Waterproofing

Preventing moisture ingress and protecting from dust in various systems.

Preservation

Protecting new or standby equipment from corrosion during storage.

Application Techniques:



Brush



Spray

Belzona 3412 is applied as a two-coat system. See the Instructions for Use (IFU) for further application information.

Key Benefits:

- Simple application

No specialist tools required. Quick brush or spray application to manually prepared surfaces.

- Outstanding corrosion protection

Belzona 3412 possesses high adhesion, durability and flexibility, preventing any moisture ingress.

- Peel and reseal feature

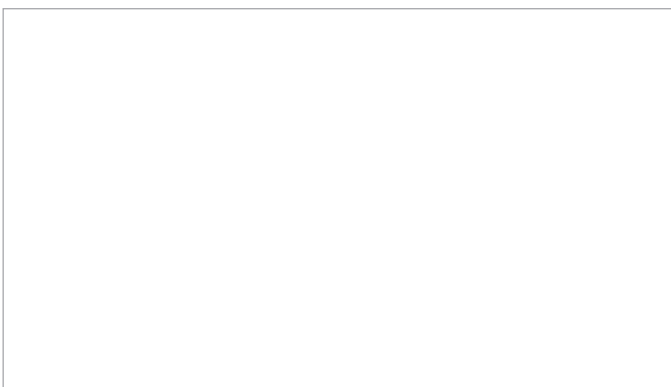
When used in conjunction with Belzona 8411, a release agent/corrosion inhibitor, Belzona 3412 can be cut and peeled for inspection during maintenance, then resealed for continued protection.

- Safe to use

Belzona 3412 is a moisture-cured, isocyanate-free system.



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.



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