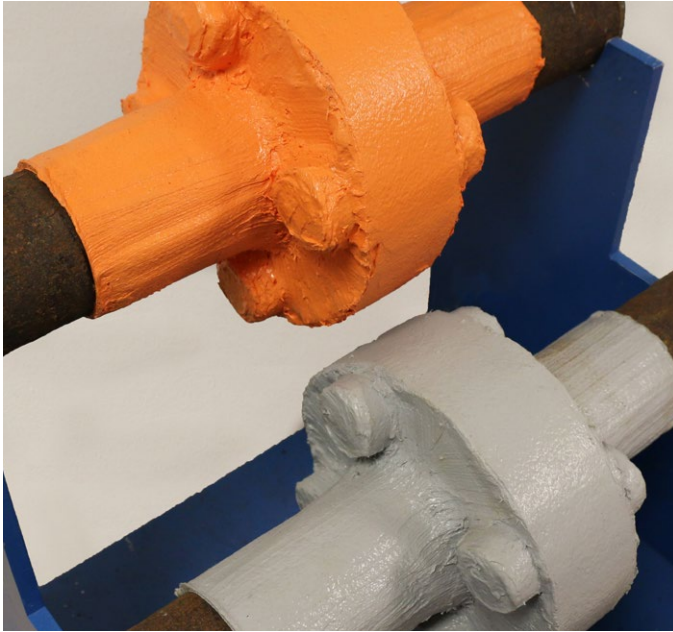


Encapsulating membrane for flanges, fittings and connectors



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

It can be applied by brush or spray gun (including the Belzona Spray Gun) 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 (Base : Solidifier) | 13 : 1 by weight | | |
| | Working Life | 40 minutes at 20°C (68°F) and 50% relative humidity | | |
| | Shelf Life | 2 years | | |
| | Coverage Rate | 0.63 m ² (6.7 ft ²) / 1 kg at 1,270 microns (50 mils) | | |
| | Tear Strength | 820 kg/m (46 pli) unreinforced | 1960 kg/m (110 pli) reinforced | |
| | Adhesion (90° Peel) | Carbon steel: >390 kg/m (>22 pli) | Epoxy paint: >290 kg/m (>16 pli) | |
| | Elongation | 270% unreinforced | 85% reinforced | |
| | Tensile Strength | 1.8 MPa (260 psi) unreinforced | 2.9 MPa (420 psi) reinforced | |

| | | | | | |
|------------|-----------------------|------------|-------------|-------------|--------------|
| Cure Times | Substrate Temperature | 5°C (41°F) | 10°C (50°F) | 20°C (68°F) | 40°C (104°F) |
| | 30% relative humidity | 7 days | 6 days | 5 days | 4 days |
| | 50% relative humidity | 6 days | 5 days | 4 days | 3 days |
| | 80% relative humidity | 5 days | 4 days | 3 days | 2 days |

*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. Also works in conjunction with the Belzona Spray Gun.

- Outstanding corrosion protection

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

- Peel and reseal feature

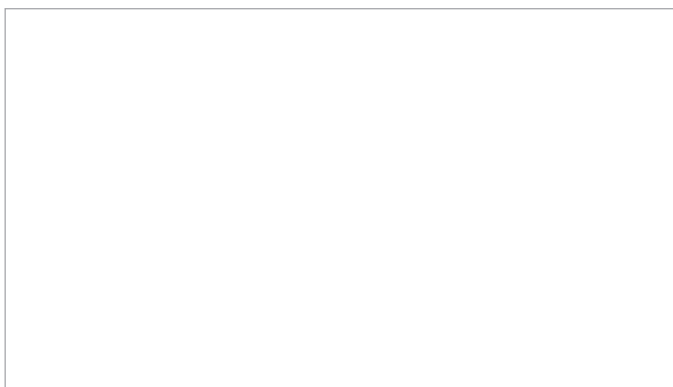
Encapsulating membrane can be cut and peeled for inspection during maintenance, then resealed to reinstate protection.

- 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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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.