BELZONA®
Repair • Protect • Improve

PRODUCT SELECTION GUIDE

Helping you to find the right solution to suit your repair and maintenance needs.

PERSPECT



Versatile Solutions to Fit Your Needs

Since its establishment in 1952, Belzona has been pioneering polymer technology to revolutionise industrial repair and maintenance procedures. Led by the values of Integrity, Investment and Innovation, Belzona's industry-leading Research & Development team has devised an extensive range of solutions that provide long-term protection to machinery, equipment, buildings and structures in a myriad of different industries.

These solutions are engineered to combat the effects of damage mechanisms including corrosion, erosion, chemical attack, abrasion and impact damage. By repairing and protecting their assets using Belzona technology, facilities can avoid extended downtime, increased maintenance costs, lower productivity and environmental and safety hazards as well as profit loss.

For detailed information and specification advice, support is available through Belzona's Corporate Offices in Harrogate (United Kingdom), Miami (USA), Bangkok (Thailand), Ontario (Canada) and Nanjing (China), as well as its expert global Authorised Distributor Network.



Belzona boasts a comprehensive range of polymeric repair and protection materials for a range of service environments.



Continued investment in Research & Development has facilitated the production of high-performance solutions.



06

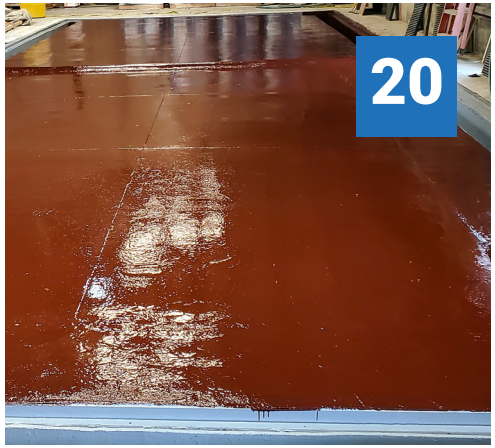
Contents

Page 4-5	Rebuilding Materials
Page 6-7	Belzona SuperWrap II
Page 8-9	Coatings and Linings for Continuous Immersion ≤60°C (140°F)
Page 10-11	Coatings and Linings for Immersion at High-Temperature ≥60°C (140°F)
Page 12-13	Extreme Abrasion Resistance
Page 14-15	Elastomeric Materials
Page 16-17	Polymeric Membranes
Page 18-19	Concrete Repair Materials
Page 20-21	Enhanced Chemical-Resistant Systems
Page 22-23	Environmental Barriers









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Rebuilding Materials

For repairing, rebuilding, sealing, casting and bonding applications.

Belzona's rebuilding materials are specifically designed for repairing, rebuilding, sealing, casting and bonding applications. These products are designed to permanently repair critical machinery and equipment to provide excellent corrosion, erosion, impact and chemical resistance to maintain efficiency for the long term.

With specialist mechanical properties to best suit respective service environments, Belzona's rebuilding materials offer an effective alternative to replacing equipment or traditional repair methods which can be costly and require extensive periods of downtime.



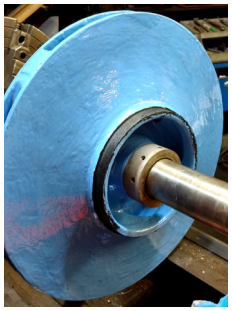
Belzona 1111 (Super Metal)

High-performance, durable epoxy composite for the repair and rebuilding of metal components. Approved for contact with drinking water (e.g. WRAS, NSF/WQA).



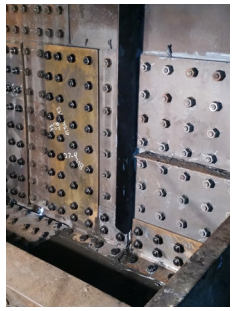
Belzona 1121 (Super XL-Metal)

High-performance, extended working life, durable epoxy composite for the repair and rebuilding of metal components.



Belzona 1131 (Bearing Metal)

High-performance, self-lubricating epoxy metal repair composite.



Belzona 1151 (Smoothing Metal)

High-performance epoxy repair composite for resurfacing and smoothing shallow pitting.



Belzona 1161 (Super UW-Metal)

High-performance, surface-tolerant epoxy repair composite suitable for wet and oily surfaces.



Belzona 1212

High-performance, rapid-curing, surface-tolerant epoxy repair composite suitable for wet and oily surfaces. Approved for contact with drinking water (e.g. WRAS).



Belzona 1221 (Super E-Metal)

High-performance, fast-curing, multi-purpose composite for emergency repairs.



Belzona 1251 (HA-Metal)

High-performance, heat-activated epoxy repair composite for applications directly onto hot metal surfaces.



Belzona 1311 (Ceramic R-Metal)

Ceramic-filled erosion-corrosion-resistant epoxy metal repair composite.



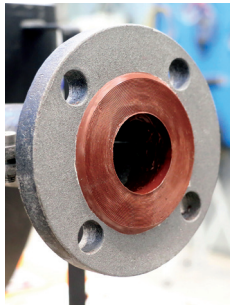
Belzona 1511 (Super HT-Metal)

High-temperature corrosion-resistant epoxy metal repair composite.



Belzona 1821 (Fluid Metal)

Fluid epoxy resin suitable for the repair and protection of positive grip systems for equipment and walkways. Also suitable for casting applications.



Belzona 4301 (Magma CR1 Hi-Build)

High chemical-resistant epoxy novolac metal repair and resurfacing composite.



Belzona 5711

High-performance, solvent-free rebuilding material for repairing damage to the leading edges of wind turbine blades.



Belzona 7111

Pourable chocking/grouting material designed to spread evenly across uneven surfaces to endure physical and thermal shock.



Belzona 7311

High-performance, fatigue-resistant structural adhesive specifically engineered for structural bonding.



Belzona 9611

Rapid-curing system for the emergency sealing of low pressure leaks, prior to a more permanent repair.

Product Selection Guide	Belzona 1111	Belzona 1121	Belzona 1131	Belzona 1151	Belzona 1161	Belzona 1212	Belzona 1221	Belzona 1251	Belzona 1311	Belzona 1511	Belzona 1821	Belzona 4301	Belzona 5711	Belzona 7111	Belzona 7311	Belzona 9611
Metallic filled	●	●	●	●	●	●	●	●	●	●	●					●
Extended working life		●													●	
Self-lubricating			●													
Slump resistance >0.5in (12.7mm)	●	●	●		●	●	●		●	●		●				●
24-hour overcoat window		●						●		●		●	●			
Large area pit filling		●		●												
Rapid cure/ emergency repair						●	●						●			●
Surface tolerance to oil and/ or water contamination					●	●										●
Heat activated								●								
Erosion resistance									●							
Chemical resistance												●				
Optimised for GFRP													●			
Fluid-grade for casting and shimming											●			●		
Resistance to high static loads														●		
High-temperature service								●		●						
Structural bonding															●	

*All properties are to be used as a guide only. Please check the IFU and PSS for specific information.

Belzona SuperWrap II

ISO/ASME compliant composite repair solution for restoring strength to pipes and tank walls.

Belzona SuperWrap II is a superior maintenance solution for restoring the strength of pipes and tank walls. The system consists of a bespoke hybrid reinforcement sheet, a release film to compact and consolidate the application, and a fluid-grade resin system available in four grades for different service temperatures (listed below).

The system can be designed and applied in accordance with ISO 24817 and ASME PCC-2 standards and applied by trained and validated personnel. Specifically developed for service in safety-critical and high-pressure environments, and suitable for bonding to complex pipe geometries, repairs can ensure maintenance-free service for up to 20 years.



Belzona 1981
Low-temperature resin for application temperatures of 5°C (41°F) - 20°C (68°F) and operating temperatures up to 60°C (140°F).



Belzona 1982
Extended working life resin for application temperatures of 20°C (68°F) - 40°C (104°F) and operating temperatures up to 80°C (176°F).



Belzona 1983
High-temperature resin for application temperatures of 5°C (41°F) - 40°C (104°F) and operating temperatures up to 150°C (302°F).



Belzona 1984
Surface tolerant resin for service temperatures up to 50 °C (122 °F) and suitable for minimum application temperature of 5 °C (41 °F).

SuperWrap II Selection Guide	Belzona 1981	Belzona 1982	Belzona 1983	Belzona 1984
ASME PCC2/ISO 24817 compliant repair	•	•	•	•
Compliant on grit blasted surface	•	•	•	
Compliant on SSPC-SP11 prepared surfaces	•	•		•
Compliant on mild steel	•	•	•	•
Compliant on stainless steel	•	•		
Applicable for patch repairs	•	•	•	•
Designed for applications in colder climates	•			•
Extended working life for applications in higher ambient temperatures		•		•
For assets operating in high-temperature service			•	
Designed to be applied directly to damp, wet and underwater surfaces				•
Maximum temperature service for compliance	60°C (140°F)	80°C (176°F)	150°C (302°F)	50°C (122°F)

*All properties are to be used as a guide only. Please check the IFU and PSS for specific information.

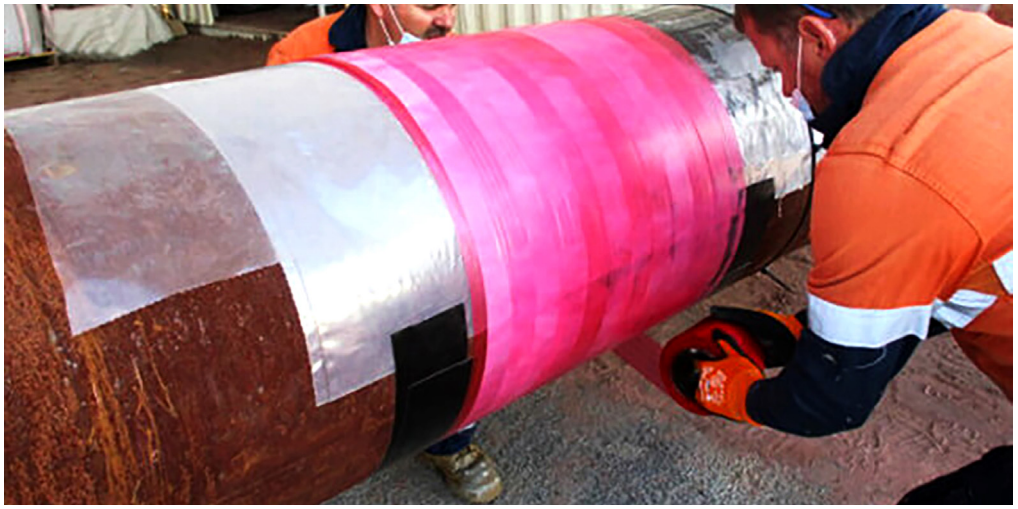
Belzona Composite Pad

The Belzona Composite Pad is specially designed to facilitate the fast and simple in-situ repair of through-wall and thin-wall defects on pipes and tank walls. It is a reliable alternative to welding and mitigates the need to replace defective metallic substrates, whilst providing superior strength, chemical and corrosion resistance.









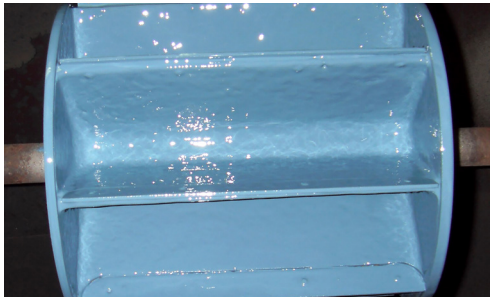


Coatings & Linings for Continuous Immersion ≤60°C (140°F)

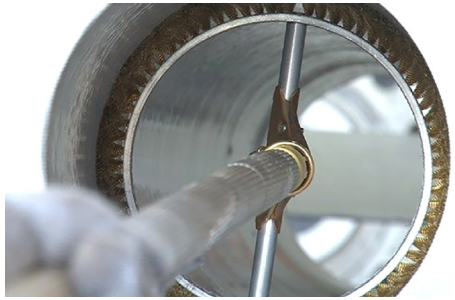
For the protection of equipment under continuous immersion.

Belzona's coatings and linings are designed to protect assets against erosion-corrosion and chemical attack, with the following products suitable for operating temperatures up to or equal to 60°C (140°F). By mitigating the effects of these mechanisms, Belzona's solutions can protect facilities from problems such as unplanned shutdowns, increased maintenance costs and efficiency decline.

These coatings and linings provide effective protection for machinery and equipment in contact with or immersion in aqueous solutions and non-aqueous media, with several having received external approvals for contact with drinking water. Each solution possesses mechanical properties engineered to improve equipment's in-service performance, with some products providing efficiency enhancement while others offer enhanced resistance to aggressive chemicals.



Belzona 1321 (Ceramic S-Metal)
Ceramic-filled, erosion-corrosion-resistant epoxy coating. Approved for contact with drinking water (e.g. WRAS).



Belzona 1331
Sprayable, erosion-corrosion-resistant epoxy coating with ultra-high molecular weight polymer fillers. Approved for contact with drinking water (e.g. WRAS).



Belzona 1341 (Supermetalglide)/ Belzona 1341N (Supermetalglide)
Erosion-corrosion-resistant epoxy coating with hydrophobic technology for increased fluid efficiency. Approved for contact with drinking water (e.g. WRAS). While Belzona 1341N (Supermetalglide) is approved by NSF/WQA.



Belzona 4311 (Magma CR1)
Epoxy novolac, high chemical-resistant barrier coating for concrete and steel protection.



Belzona 5811 (Immersion Grade)
An epoxy coating designed for corrosion and chemical protection of equipment operating under immersion.



Belzona 5811DW2 (DW Immersion Grade)/Belzona 5812DW
Epoxy coatings for corrosion protection under immersion, with approvals for contact with drinking water. Belzona 5811DW2 (DW Immersion Grade) approvals include WRAS and ACS, while Belzona 5812DW is approved by (e.g. NSF/WQA). ***Belzona 5811DW2 sold exclusively in the United Kingdom (UK), Europe (EU), Africa (AF), Asia Pacific (AP), and Middle East (ME) regions. Belzona 5812DW sold exclusively in the Americas, Asia Pacific (AP), and Middle East (ME) regions.***



Belzona 5821
Ceramic-filled epoxy coating for erosion, corrosion and chemical protection of high erosion fluid flow areas.

Product Selection Guide	Belzona 1321	Belzona 1331	Belzona 1341	Belzona 1341N	Belzona 4311	Belzona 5811	Belzona 5811DW2 *(UK, EU, AF, AP & ME) Only Product*	Belzona 5812DW *(US, AP & ME) Only Product*	Belzona 5821
Suitable for HV DC spark testing		●	●	●		●	●	●	●
24-hour overcoat window		●	●	●	●	●	●	●	●
Optimised for erosion resistance	●	●	●	●					●
Ceramic-filled	●		●	●					●
Enhanced chemical resistance					●				
Efficiency enhancement			●	●					
Approved for drinking water	●	●	●	●			●	●	
Optimised for casting and injection	●					●			
Sprayable		●	●	●	●	●	●	●	●
Suitable for high film thickness		●							

*All properties are to be used as a guide only. Please check the IFU and PSS for specific information.

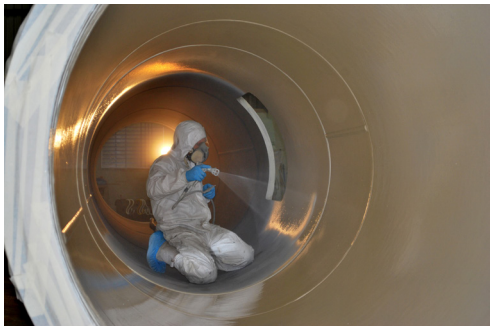
Coatings & Linings for Immersion at High-Temperature ≥60°C (140°F)

For the protection of equipment under immersion at high-temperature.

For assets operating in temperatures greater than or equal to 60°C (140°F), Belzona's coatings and linings offer protection against erosion-corrosion and aggressive chemicals.

Protection from these processes can play a vital role in extending equipment service life by avoiding its unnecessary replacement. This can contribute to cutting costs and maximising profits.

These cold-curing solutions can be easily applied in-situ, while several products can be applied using an airless heated sprayer for bulk applications.



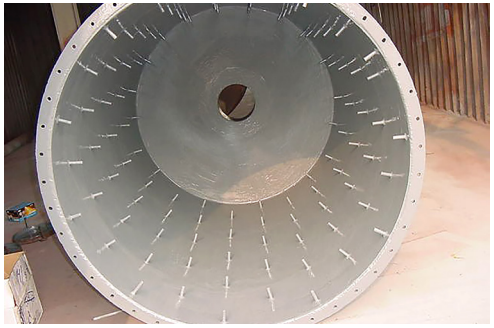
Belzona 1381
Sprayable, erosion-corrosion-resistant epoxy coating with ultra-high molecular weight polymer fillers for immersion up to 95°C (203°F).



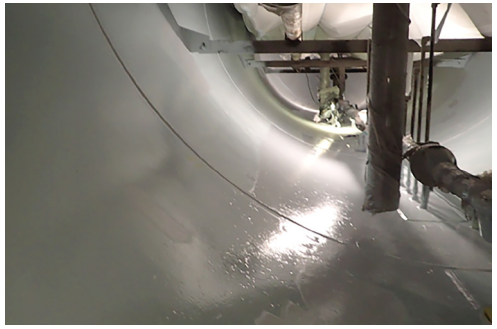
Belzona 1391S
Spray-applied, high-temperature epoxy coating for erosion-corrosion protection under immersion up to 110°C (230°F).



Belzona 1391T
Hand-applied, high-temperature, abrasion-resistant epoxy coating for erosion-corrosion protection under immersion up to 130°C (266°F).



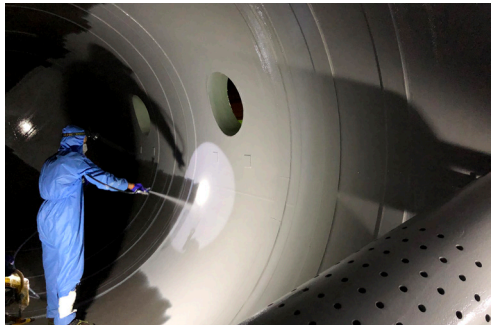
Belzona 1392 (Ceramic HT2)
Erosion, corrosion, chemical and acid-resistant coating for high-temperature equipment operating under immersion up to 120°C (248°F).



Belzona 1523
Spray-applied epoxy coating for protecting immersed surfaces up to 140°C (284°F).



Belzona 1593
Hand-applied epoxy coating for protecting immersed surfaces up to 160°C (320°F).



Belzona 5892
Epoxy barrier coating suitable for surfaces in contact with aqueous solutions at temperatures up to 95°C (203°F).

Product Selection Guide	Belzona 1381	Belzona 1391S	Belzona 1391T	Belzona 1392	Belzona 1523	Belzona 1593	Belzona 5892
Suitable for HV DC spark testing	●	●	●		●	●	●
24-hour overcoat window	●	●	●		●	●	●
Optimised for erosion resistance	●	●	●	●			
Ceramic-filled			●	●			
Enhanced chemical resistance				●		●	
Approved for drinking water							●
Approved for FDA		●	●				●
Sprayable	●	●			●		●
Suitable for high film thickness	●						
Optimised for casting and injection				●			●
Tested for steam out resistance	●	●	●	●	●	●	●
Tested for explosive decompression	●	●	●	●	●	●	●
Maximum continuous immersion temperature	95°C (203°F)	110°C (230°F)	130°C (266°F)	120°C (248°F)	140°C (284°F)	160°C (320°F)	95°C (203°F)

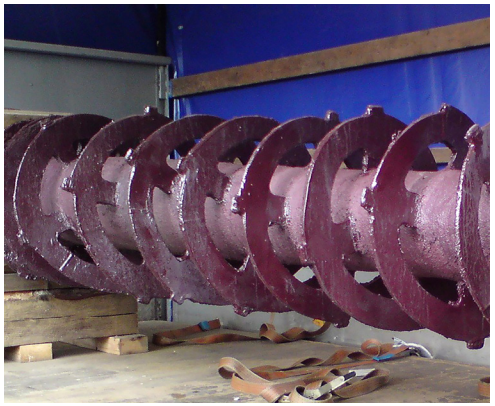
*All properties are to be used as a guide only. Please check the IFU and PSS for specific information.

Extreme Abrasion Resistance

For protection of surfaces subject to impact, abrasion, and wear.

Belzona's 1800 Series ceramic-filled speciality epoxy systems protect equipment and structures from severe abrasive wear caused by large and fine solid particles, which can compromise their integrity and efficiency.

These products offer abrasion and impact resistance to mitigate such challenges. Developed with excellent mechanical properties, they are suitable for various service environments and can be used with Belzona 9811 alumina tiles for enhanced protection.



Belzona 1811 (Ceramic Carbide)
Ceramic-filled high abrasion and wear-resistant epoxy repair composite, particularly suitable for large particle abrasion.



Belzona 1812 (Ceramic Carbide FP)
Ceramic-filled high abrasion and wear-resistant epoxy repair composite, particularly suitable for fine particle abrasion.



Belzona 1813
High-temperature, ceramic-filled abrasion and wear-resistant epoxy repair composite.



Belzona 1814
Extended working life, ceramic-filled high abrasion and wear-resistant epoxy repair composite, suitable for bulk applications.



Belzona 1818
Fast-curing, surface-tolerant abrasion and wear-resistant epoxy repair composite, suitable for emergency repairs.

Product Selection Guide	Belzona 1811	Belzona 1812	Belzona 1813	Belzona 1814	Belzona 1818
Suitable for use with Belzona 9811 tiles	•	•	•	•	•
Optimised for large particle abrasion	•				
Optimised for fine particle abrasion		•			
High-temperature resistance			•		
Extended working life (suitable for bulk applications)				•	
Rapid cure					•
Surface tolerance to oil/ water contamination					•
Max operating temperature (dry/slurry)	80°C/60°C (176°F/140°F)	100°C/80°C (212°F/176°F)	210°C/190°C (410°F/374°F)	80°C/60°C (176°F/140°F)	100°C/80°C (212°F/176°F)

*All properties are to be used as a guide only. Please check the IFU and PSS for specific information.

Elastomeric Materials

For rebuilding, coating and sealing applications requiring a degree of flexibility.

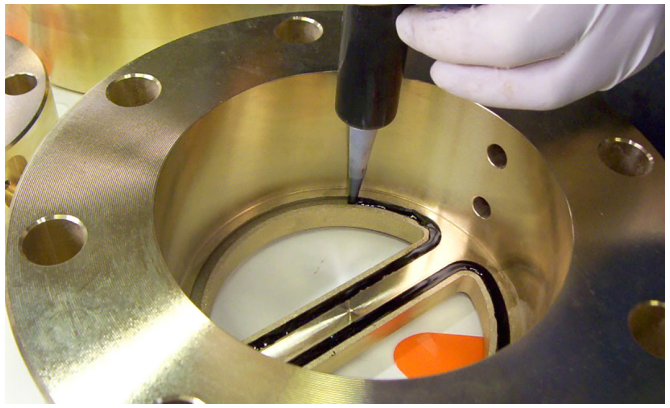
Belzona's 2000 Series elastomeric polymers provide excellent resistance to wear, abrasion and atmospheric degradation where elasticity, extensibility, mechanical strength and tear resistance are required. These properties are vital to the repair of assets such as expansion joints, conveyor belts, floating hoses and numerous applications where flexibility is paramount.

This versatile series of polyurethane products provides options for rebuilding, coating and casting applications. Unlike most rubber maintenance processes such as vulcanisation, these solutions can be applied without hot work, which is vital for application onto rubber surfaces. Meanwhile they can also adhere to almost any substrate including metals and cementitious materials.



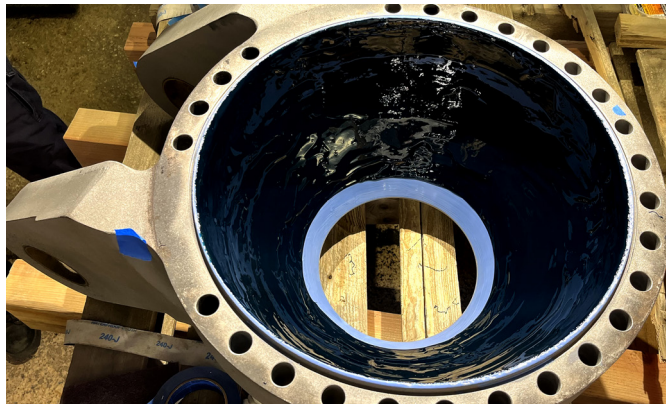
Belzona 2111 (D&A Hi-Build Elastomer)

Flexible rebuilding-grade abrasion-resistant polyurethane elastomer, suitable for repairing damaged rubber and metal surfaces.



Belzona 2131 (D&A Fluid Elastomer)

Flexible, pourable abrasion-resistant polyurethane elastomer suitable for casting applications.



Belzona 2141 (ACR-Fluid Elastomer for Immersed Service)

Flexible abrasion and cavitation-resistant polyurethane elastomer suitable for coating applications on rubber and metal components.



Belzona 2211 (MP Hi-Build)

Flexible, multi-purpose rebuilding-grade polyurethane elastomer suitable for repair applications on rubber and metal components.



Belzona 2221 (MP Fluid Elastomer)

Flexible, pourable, multi-purpose casting-grade polyurethane elastomer suitable for casting applications.



Belzona 2311 (SR Elastomer)

Rapid-curing, flexible, multi-purpose rebuilding-grade polyurethane elastomer, suitable for repair and coating applications on rubber and metal components.

Product Selection Guide	Belzona 2111	Belzona 2131	Belzona 2141	Belzona 2211	Belzona 2221	Belzona 2311
Rebuilding-grade	•			•		•
Coating-grade			•			
Casting-grade		•			•	
Rapid curing						•
Tensile strength >11 MPa (1595 psi)	•	•	•			
Elongation >500%			•	•	•	
Cavitation protection			•			
Shore A hardness >85	•	•	•			
Suitable for expansion joints				•	•	

*All properties are to be used as a guide only. Please check the IFU and PSS for specific information.

Polymeric Membranes

For protection against atmospheric attack and water ingress.

Belzona's 3000 Series polymeric membranes provide assets with protection against atmospheric attack and moisture ingress. Equipment, buildings and structures often need to be protected from their harsh service environments to prevent water ingress, which can promote erosion-corrosion, freeze-thaw damage and corrosion under insulation.

These processes can result in downtime and increased maintenance costs due to surface loss, water damage and leaks if left untreated. Belzona's polymeric membranes are specifically formulated to offer protection against atmospheric attack without compromising the operational efficiency, therefore extending their service life.



Belzona 3111 (Flexible Membrane)
Cold-applied, flexible water-based microporous system for waterproofing and weatherproofing.



Belzona 3121 (MR7)
Emergency repair and waterproofing system for sealing all types of surfaces and structures against atmospheric attack.



Belzona 3131 (WG Membrane)
Solvent-based, flexible moisture-activated waterproofing and weatherproofing urethane system. Can be applied in adverse weather.



Belzona 3211 (Lagseal)
Water-based, fire-resistant flexible membrane for the protection of all types of thermal insulation and cladding systems.



Belzona 3412
Peelable, hybrid elastomeric encapsulating system for the protection of flanges and pipework against crevice, galvanic and atmospheric corrosion.

Product Selection Guide	Belzona 3111	Belzona 3121	Belzona 3131	Belzona 3211	Belzona 3412
Roof repair	●	●	●		
CUI protection				●	
Flange protection					●
Rain or washout resistance	●	●	●		
Leak sealing/emergency repair		●			
Peel/reseal capability					●
Single-component	●		●	●	
Water-based	●			●	
Solvent-based		●	●		
Solvent-free					●
Sprayable	●			●	●
Fire resistance	●			●	
BBA/ETA approved	●				
Microprous/breathable	●	●	●	●	

*All properties are to be used as a guide only. Please check the IFU and PSS for specific information.

Concrete Repairs & Chocking

For rebuilding, resurfacing and stabilising damaged concrete, stonework, and machinery foundations.

Belzona's concrete repair materials offer high-performance solutions for the rebuilding and resurfacing of concrete and stonework damaged by abrasion, impact, vibration, chemical, and environmental attack. These systems provide a fast return-to-service while ensuring long-term durability.

Based on high-quality polymer systems, the products possess beneficial mechanical properties such as slump resistance and high compressive strength. Additionally, Belzona's chocking compounds deliver exceptional load-bearing capabilities, making them ideal for aligning and securing heavy machinery to foundations, which further extends their range of industrial applications.



Belzona 4111 (Magma-Quartz)
A magma-consistency repair/rebuilding system for repairing and resurfacing concrete and stonework.



Belzona 4124 (Bulkfill)
A cost-effective rebuilding system for repairing large volumes of concrete and stonework subjected to mechanical and chemical damage. ***Sold exclusively in the Americas.***



Belzona 4131 (Magma-Screed)
Epoxy impact and abrasion-resistant concrete repair mortar.



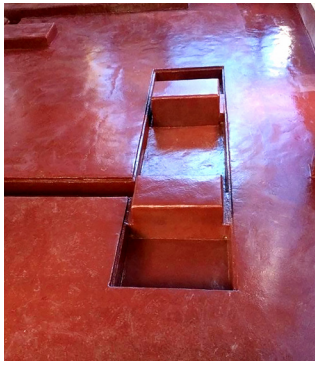
Belzona 4141 (Magma-Build)
Lightweight epoxy concrete repair mortar suitable for vertical and overhead applications.



Belzona 4151 (Magma-Quartz Resin)
Epoxy resin for the sealing and protection of concrete.



Belzona 4154 (Bulkfill Resin)
Epoxy resin suitable for the cost-effective rebuilding of damaged concrete and stonework when combined with a locally sourced aggregate.



Belzona 4181 (AHR Magma-Quartz)
Acid and heat-resistant epoxy concrete repair mortar.



Belzona 4511
Fast-curing, cost-effective flexible sealant suitable for construction and expansion joints on vertical porous substrates such as concrete.



Belzona 4521 (Magma-Flex Fluid)
Fast curing, cost-effective flexible sealant suitable for construction and expansion joints on horizontal porous substrates such as concrete.



Belzona 7111
Pourable chocking/grouting material designed to spread evenly across uneven surfaces to endure physical and thermal shock.



Belzona 7211
A high strength, low exothermic, 100% solids, low VOC system for deep pour grout. ***Sold exclusively in the Americas.***

Product Selection Guide	Belzona 4111	Belzona 4124 *US Only Product*	Belzona 4131	Belzona 4141	Belzona 4151	Belzona 4154	Belzona 4181	Belzona 4511	Belzona 4521	Belzona 7111	Belzona 7211 *US Only Product*
Pit filling/rebuilding	●	●		●		●				●	●
Screeding material	●		●				●				
Fluid-grade resin system		●			●	●			●	●	
Optimised for overhead and vertical applications				●				●			
Variable consistency	●	●				●					
High compressive strength	●									●	●
High-temperature applications							●				
Chemical resistance	●		●				●				
Suitable for expansion joints								●	●		
Suitable for casting and shimming										●	●

*All properties are to be used as a guide only. Please check the IFU and PSS for specific information.

Enhanced Chemical-Resistant Systems

For protecting equipment and structures from chemical attack.

Belzona's enhanced chemical-resistant systems provide excellent resistance to a broad range of chemicals including acidic and alkaline substances.

These products adhere tenaciously to substrates such as concrete, most metals and composites, providing protection to these surfaces in aggressive conditions.

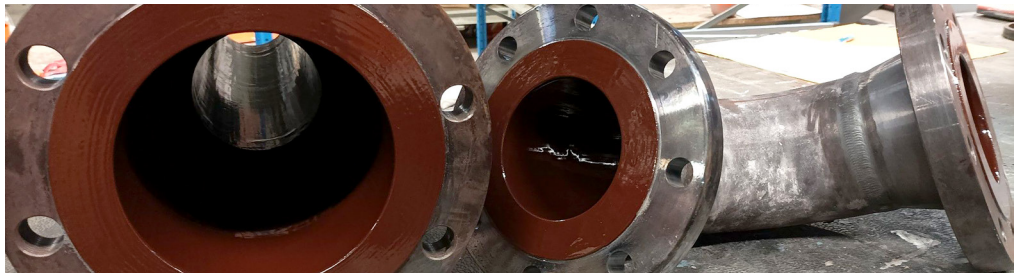
Suitable for rebuilding, coating and screeding, these high-performance systems protect structures against the consequences of chemical attack such as downtime, increased maintenance costs, and environmental and safety hazards.



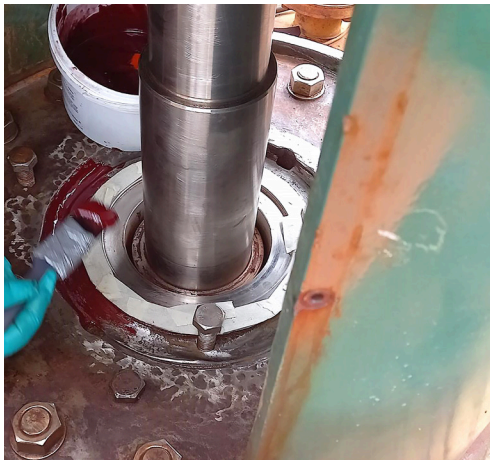
Belzona 4181 (AHR Magma-Quartz)
Acid and heat-resistant epoxy concrete repair mortar.



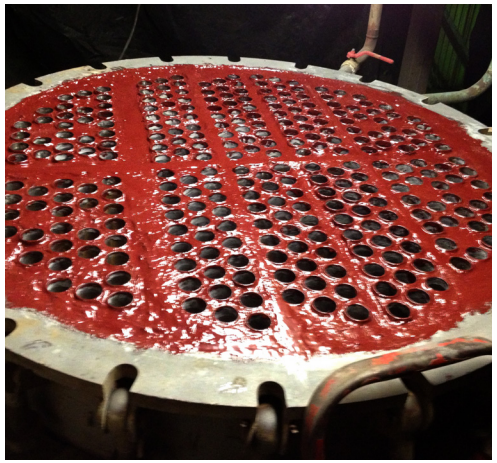
Belzona 4301 (Magma CR1 Hi-Build)
Highly chemical-resistant epoxy novolac repair and resurfacing composite.



Belzona 4311 (Magma CR1)
Epoxy novolac barrier coating suitable for concrete and metal protection, offering high resistance to a broad range of chemicals.



Belzona 4331 (Magma CR3)
Epoxy novolac barrier coating for concrete and metal protection, offering high resistance to hot organic acids.



Belzona 4341 (Magma CR4)
Epoxy novolac barrier coating for concrete and metal protection, offering high resistance to hot inorganic acids.



Belzona 4351 (Magma CR5)
Epoxy novolac, static-dissipative barrier coating suitable for concrete and metal protection, offering high resistance to a broad range of chemicals.



Belzona 4361
Flexible chemical-resistant epoxy barrier coating suitable for concrete protection. Particularly suitable for areas subject to movement.

Product Selection Guide	Belzona 4181	Belzona 4301	Belzona 4311	Belzona 4331	Belzona 4341	Belzona 4351	Belzona 4361
Rebuilding material		•					
Screeding material	•						
Coating material			•	•	•	•	•
Suitable for HV DC spark testing				•	•		•
24-hour overcoat window		•	•		•		•
High-temperature resistance	•			•	•		
Enhanced UV-resistance			•				
Static-dissipative properties						•	
Crack bridging capability							•
Readily sprayable			•		•		

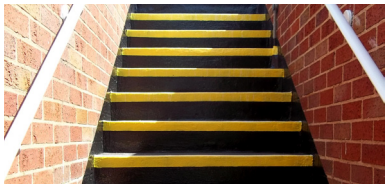
*All properties are to be used as a guide only. Please check the IFU and PSS for specific information.

Environmental Barriers

For safeguarding the integrity of equipment and structures from damage mechanisms and providing personnel protection.

Belzona's environmental barriers and protective coatings are engineered to protect equipment and structures against chemical attack, erosion and corrosion. These products possess the mechanical properties necessary to repair and protect various assets working in a myriad of industries under an extensive range of service conditions.

This versatile series of solutions are easy and safe to apply without the need for any hot work or specialist tools. Belzona's barriers and coatings mitigate the effects of damage mechanisms on assets' performance in service, ensuring productivity for longer.



Belzona 4411 (Granogrip)

Fluid-grade epoxy resin suitable for the creation of safety grip systems when combined with a Belzona aggregate.



Belzona 5111 (Ceramic Cladding)

Hard, durable polyurethane system suitable for protecting metallic and masonry surfaces against chemical, corrosive and abrasive environmental attack.



Belzona 5122 (Clear Cladding Concentrate)

Breathable, transparent, water-repellent treatment suitable for protecting porous masonry surfaces such as brickwork from water penetration.



Belzona 5231 (SG Laminate)

Chemical and abrasion-resistant, solvent-free epoxy floor coating system suitable for positive grip applications.



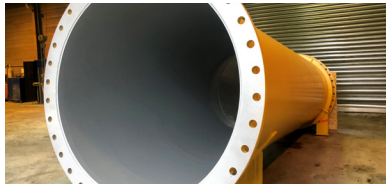
Belzona 5711

High performance, fast curing system for the repair of erosion and impact damage on leading edges of wind turbine blades.



Belzona 5721

High-performance, solvent-free coating system specifically developed for protecting the leading edges of wind turbine blades from erosion and impact damage.



Belzona 5811

Epoxy coating for corrosion and chemical protection under immersion in aqueous solutions at temperatures up to 50°C (122°F).



Belzona 5813

Solvent-free, cost-effective static-dissipative barrier coating designed to transfer the build-up of electrostatic charge away from hazardous areas.



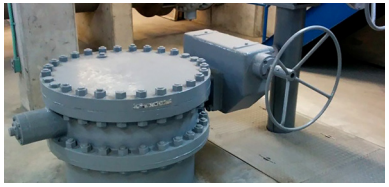
Belzona 5815

Solvent-free, cost-effective flexible coating system suitable for protecting substrates exposed to short-term chemical immersion or spillages.



Belzona 5831 (ST-Barrier)

Surface-tolerant epoxy coating suitable for the protection of wet, oily and underwater surfaces operating between 5°C (41°F) and 40°C (104°F).



Belzona 5831LT

Belzona 5831LT is the low-temperature grade, ideally suited for application at low-ambient temperatures.



Belzona 5841

Surface-tolerant epoxy coating suitable for protecting hot metallic substrates operating between 30°C (86°F) and 80°C (176°F).



Belzona 5851 (HA-Barrier)

Heat-activated, surface-tolerant epoxy coating suitable for protecting hot metallic substrates operating between 70°C (158°F) and 150°C (302°F).



Belzona 5871

High-performance, lightweight, cool-to-touch thermal insulation barrier, suitable for protecting metallic surfaces from corrosion and reducing heat loss.



Belzona 6111 (Liquid Anode)

Zinc-rich epoxy coating suitable for providing long-term galvanic protection to metallic surfaces.

Product Selection Guide	Belzona 4411	Belzona 5111	Belzona 5122	Belzona 5231	Belzona 5711	Belzona 5721	Belzona 5811	Belzona 5813	Belzona 5815	Belzona 5831	Belzona 5831LT	Belzona 5841	Belzona 5851	Belzona 5871	Belzona 6111
Suitable for secondary containment							●	●	●						
Static-dissipative properties								●							
Crack bridging capabilities									●						
24-hour overcoat window		●	●	●	●	●	●	●	●	●	●	●	●	●	●
UV and colour-stable		●	●		●	●									
Water-repellent and breathable properties			●												
Slip resistance	●			●											
Zinc-rich galvanic protection															●
Erosion resistance						●									
Optimised for GFRP					●	●									
Surface preparation tolerance			●							●	●	●	●		
Surface tolerance to oil/ water contamination										●	●				
Applications to hot surfaces												●	●		
High-temperature resistance (Corrosion Under Insulation)												●	●	●	
Thermal insulation barrier														●	
Sprayable		●	●				●	●	●					●	●

*All properties are to be used as a guide only. Please check the IFU and PSS for specific information.



BELZONA®
Repair • Protect • Improve

Belzona Is a Global Manufacturer of Repair Composite Materials & Industrial Coatings.

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