

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).



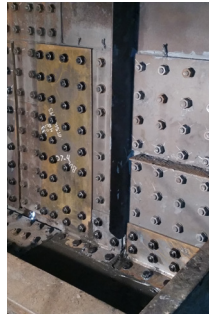
Belzona 1121 (Super XL-Metal)

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 (Super E-Metal)

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



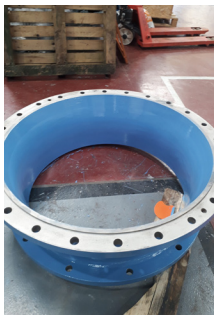
Belzona 1221 (Super E-Metal)

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.



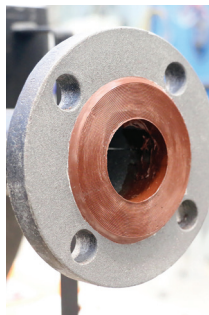
Belzona 1511 (Super HT-Metal)

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								•		•						

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