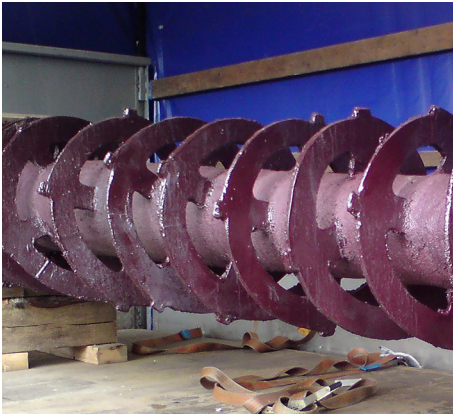


Extreme Abrasion Resistance

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.



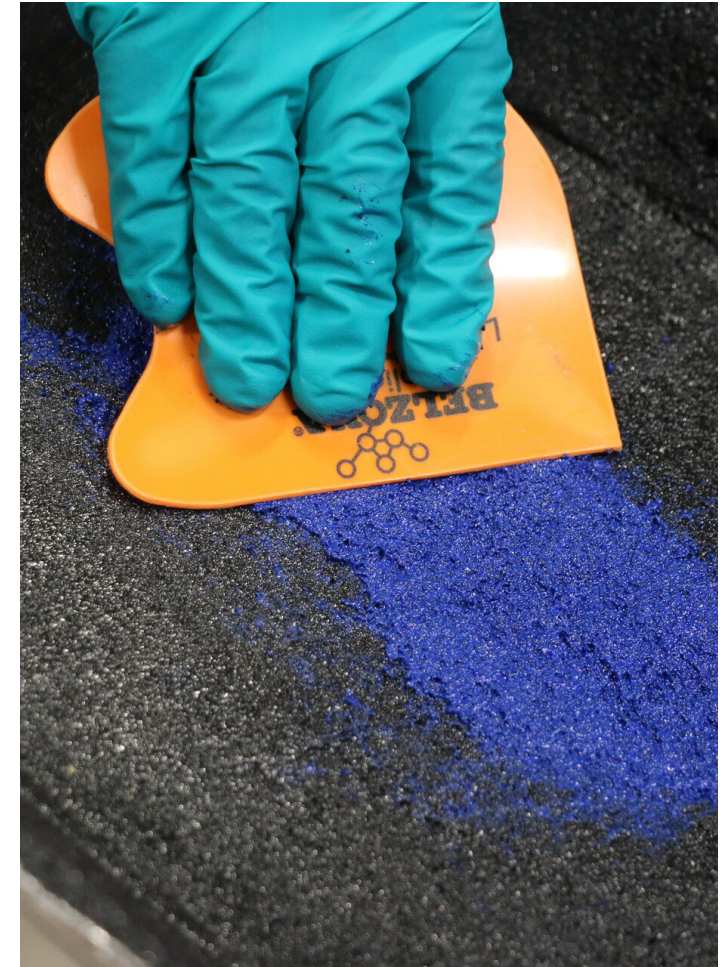
Belzona 1813

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.