



Weicon Plastic Metal Ceramic BL Info Sheet



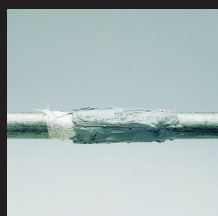
**Plastic Metal
Epoxy Resin
Systems**



**Cleaners &
Degreasers**



**Liquid Epoxy
Resins &
Adhesives**



**Accessories &
Application Aids**

A brushable protective coating with outstanding abrasion resistance, Weicon Plastic Metal Ceramic BL is used to create a wear resistant coating on all kinds of surfaces.

This easy to use epoxy effectively protects stressed parts from wear and abrasion and is used around the world in the most demanding applications.

Ceramic BL exhibits strong temperature resistance and is often used for the lining of heavily stressed pump housings, as wear protection for slide bearings, slides, funnels and pipes and for the repair of castings, valves and blower fans.



General Properties, Processing and Cure Information

Base	Epoxy	Viscosity	23,000 mPa·s
Fillers	Silicon Carbide & Zirconium	Max. Layer	10mm Per Cycle
Nature	Liquid, Flowable	Pot Life*	55 Minutes
Colour	Blue	Work Strength*	8 Hrs (80% Cured)

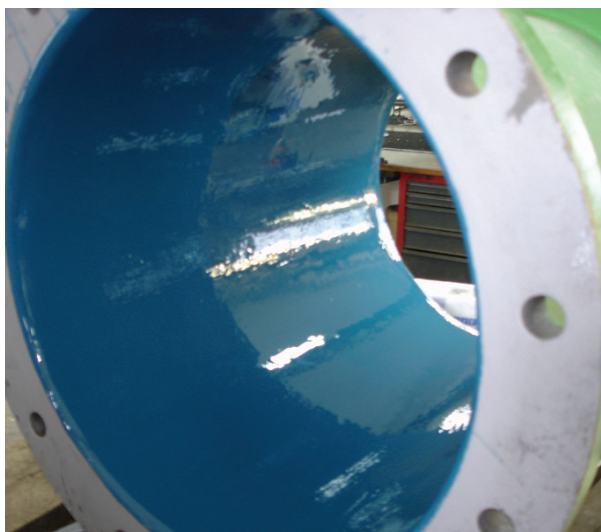
*Pot life and work strength measured using a 500gm batch at 20°C. Warmer conditions will accelerate these times, colder conditions will extend them.

Standrd Kit Sizes

200gm	500gm	2kg
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Key Specifications

Density	1.8 g/cm ³
Consumption (1mm thick layer)	1.8 kg/m ²
Temp. Resistance Continuous	-35°C to +180°C
Tensile Strength	59 MPa
E-Modulus	7100 - 7300 MPa
Compressive Strength	116 MPa
Bending Strength	80 MPa
Hardness	90 Shore D
Electrical Resistance	5.8 · 10 ¹¹ Ω·m
Magnetic	No



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