



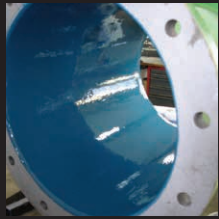
Weicon Plastic Metal SF Info Sheet

Designed for the fast, permanent repair of leaking pipes or damaged equipment.

This grade of plastic metal has a pasty consistency for accurate application and is manufactured from a steel filled epoxy resin base.

Compared to the other grades in the Weicon Plastic Metal range, SF is very fast curing. It has a pot life of about 5 minutes (at 20°C, based on 200gm of mixture) and is fully cured after approximately 6 hours (can handle mechanical loads after 3 hours).

SF is widely used in the marine sector as well as for plant maintenance.



Plastic Metal Epoxy Resin Systems



Cleaners & Degreasers



Liquid Epoxy Resins & Adhesives



Accessories & Application Aids

General Properties, Processing and Cure Information

Base	Epoxy	Viscosity	800,000 mPa·s
Filler	Steel	Max. Layer	10mm Per Cycle
Nature	Pasty	Pot Life*	5 Minutes
Colour	Dark Grey	Work Strength*	1 Hr (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 +90°C
Tensile Strength	37 MPa
E-Modulus	3500 - 4500 MPa
Compressive Strength	52 MPa
Bending Strength	41 MPa
Hardness	82 Shore D
Adhesive Strength	21 MPa
Magnetic	Yes



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