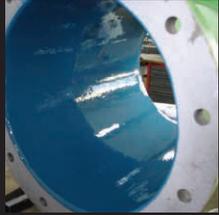




Weicon Plastic Metal C Info Sheet



Plastic Metal Epoxy Resin Systems



Cleaners & Degreasers



Liquid Epoxy Resins & Adhesives



Accessories & Application Aids

A liquid, high temperature grade of plastic metal designed for demanding industrial applications.

This grade is non-corroding, anti-magnetic and cures with almost zero shrinkage.

Plastic Metal C has a low viscosity and can be easily poured making it a great option for making moulded parts and components. It is made from Epoxy filled with Aluminium and, compared to most other epoxies, can be poured in deeper (thicker) layers.

Plastic Metal C supports up to 60mm per cycle (additional layers after 4 hours cure).



General Properties, Processing and Cure Information			
Base	Epoxy	Viscosity	350,000 mPa·s
Filler	Aluminium	Max. Layer	60mm Per Cycle
Nature	Liquid, Flowable	Pot Life*	60 Minutes
Colour	Light(ish) Grey	Work Strength*	6 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

Key Specifications	
Density	1.6 g/cm ³
Consumption (1mm thick layer)	1.6 kg/m ²
Temp. Resistance Continuous	-35°C to +220°C
Tensile Strength	50 MPa
E-Modulus	6400 - 7500 MPa
Compressive Strength	174 MPa
Bending Strength	178 MPa
Hardness	89 Shore D
Electrical Resistance	2,11·10 ¹⁴ Ω·m
Magnetic	No



AG Sydney
Head Office
02 9774 3333

syd@agaus.com.au

AG Queensland

07 3257 1144

bris@agaus.com.au

AG Victoria

03 9768 3113

melb@agaus.com.au

AG Western Australia

08 9258 5858

perth@agaus.com.au

AG Newcastle

02 4967 7677

new@agaus.com.au

AG Wollongong

02 4272 4800

woll@agaus.com.au

Visit agaus.com.au for more information and full contact details.