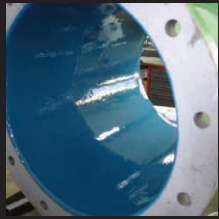




# Weicon Plastic Metal HB 300 Info Sheet



Plastic Metal Epoxy Resin Systems



Cleaners & Degreasers



Liquid Epoxy Resins & Adhesives



Accessories & Application Aids

Weicon Plastic Metal HB 300 is a steel filled, two-part epoxy compound. HB 300 has a pasty consistency meaning it is suitable for application even on vertical surfaces.

With a temperature rating of -35°C to +200°C Plastic Metal HB 300 is an appropriate choice for applications requiring resistance to high temperatures.

These properties have seen HB 300 used for applications such as repairing and bonding cast metal parts, filling blow holes, repairing damaged containers and for sealing pumps and pipes.



General Properties, Processing and Cure Information			
Base	Epoxy	Viscosity	1,700,000 mPa·s
Filler	Steel	Max. Layer	20mm Per Cycle
Nature	Pasty	Pot Life*	30 Minutes
Colour	Dark Grey	Work Strength*	10 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	1kg

Key Specifications	
Density	2.5 g/cm <sup>3</sup>
Consumption (1mm thick layer)	2.5 kg/m <sup>2</sup>
Temp. Resistance Continuous	-35°C to +200°C
Tensile Strength	50 MPa
E-Modulus	7000 - 7200 MPa
Compressive Strength	100 MPa
Bending Strength	42 MPa
Hardness	85 Shore D
Adhesive Strength	20 MPa
Magnetic	Yes



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