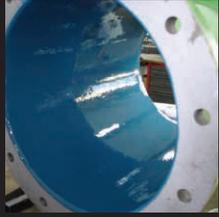




# Weicon Plastic Metal A Info Sheet



Plastic Metal Epoxy Resin Systems

Plastic Metal A is a strong, pasty, steel filled epoxy putty used in a range of repair jobs.

This versatile epoxy can be used for repairs on tanks and pipes as well as for repairing cracks in engine or pump housings and machine parts.



It is ideal for use in sewer systems where pipe and fittings are exposed to strong media influences. It can also be used to rectify corrosion damage and pitting or to repair holes or cracks. Plastic Metal A can be applied without specialised tools and sets hard.

Plastic Metal A is DNV Certified and used in a range of industrial sectors.



Cleaners & Degreasers

| General Properties, Processing and Cure Information |           |                |                   |
|---|-----------|----------------|-------------------|
| Base  | Epoxy     | Viscosity      | 850,000 mPa·s     |
| Filler  | Steel     | Max. Layer     | 20mm Per Cycle    |
| Nature  | Pasty     | Pot Life*      | 60 Minutes        |
| Colour  | Dark 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.



Liquid Epoxy Resins & Adhesives

| Standrd Kit Sizes |       |     |
|-------------------|-------|-----|
| 200gm             | 500gm | 2kg |

| Key Specifications            |                       |
|-------------------------------|-----------------------|
| Density                       | 2.6 g/cm <sup>3</sup> |
| Consumption (1mm thick layer) | 2.6 kg/m <sup>2</sup> |
| Temp. Resistance Continuous   | -35°C to +120°C       |
| Tensile Strength              | 41 MPa                |
| E-Modulus                     | 5300 - 5700 MPa       |
| Compressive Strength          | 80 MPa                |
| Bending Strength              | 63 MPa                |
| Hardness                      | 82 Shore D            |
| Adhesive Strength             | 12 MPa                |
| Magnetic                      | Yes                   |



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