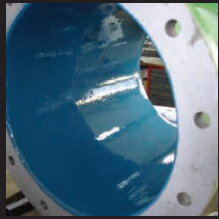




# Weicon Plastic Metal ST Info Sheet



**Plastic Metal Epoxy Resin Systems**



**Cleaners & Degreasers**



**Liquid Epoxy Resins & Adhesives**



**Accessories & Application Aids**

This two part component has a pasty consistency and is made from metal filled epoxy resin.

Specifically designed for use on stainless steel parts and is non-corrosive.

Plastic Metal ST is ideal for repairs and maintenance works on stainless steel machine parts and components such as tanks, pipelines, containers, funnels and flanges.

It can be applied with a spatula over larger areas, exhibits excellent chemical resistance and sets hard to form a strong, lasting compound.



General Properties, Processing and Cure Information			
Base	Epoxy	Viscosity	550,000 mPa·s
Filler	Stainless Steel	Max. Layer	10mm Per Cycle
Nature	Pasty	Pot Life*	60 Minutes
Colour	Light Grey	Work Strength*	9 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	1.7 g/cm <sup>3</sup>
Consumption (1mm thick layer)	1.7 kg/m <sup>2</sup>
Temp. Resistance Continuous	-35°C to +120°C
Tensile Strength	48 MPa
E-Modulus	7300 - 7900 MPa
Compressive Strength	96 MPa
Bending Strength	38 MPa
Hardness	85 Shore D
Adhesive Strength	14 MPa
Magnetic	No



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