TYPE:	**A solvent free, two-pack smooth surfacing material with good chemical resistance.**
SUGGESTED USE:	Overcoating Plasmet 'R' to give smooth surface finish, but can be applied directly to metal surfaces where re-building is not required. May be cast or ground to give an excellent surface finish for use in sealing areas.
HEALTH & SAFETY:	**WARNING:** When using this product safety precautions should be observed. Avoid contact with skin or eyes. Do not ingest. Protective clothing and goggles should be worn. Read Safety Data Sheet before use.
SURFACE PREPARATION:	Surface should be free from oil, grease and other contaminants. It should also be roughened to provide a suitable key, where possible, for optimum performance and adhesion. Surfaces should be abrasive blasted before application of Plasmet 'R' to Swedish Standard SA2.5 with 3 mil (75 micron) profile in accordance with data sheet SP1. Surfaces should be dry.
APPLICATION EQUIPMENT:	Brush, trowel or other suitable implement.
APPLICATION:	Plasmet 'T' should be applied thinly enough to avoid runs or sags in the coating.
MIXING RATIO:	2.5:1 Base to activator by weight.
MIXING:	Pour all of component 'A' into component 'B' and mix **thoroughly**. The material is now ready for use and should be applied as soon as possible. Product should not be applied at temperatures below 41ºF (5ºC).
POT LIFE:	Variable with temperature and mass, but approximately: 68ºF (20°C): 50-60 minutes 86ºF (30°C): 40-45 minutes 95ºF (35°C): 30-35 minutes
PACKAGING:	5 gallon (18.9 liter) kits.
STORAGE LIFE:	1 Year minimum, unopened tins.
COLOR:	Black
SPECIFIC GRAVITY:	.043 lbs/in^3 (1.2 gms/cc)
FLASH POINT:	In excess of 212ºF (100°C)
CATALYST TYPE:	Modified cyclo-alphatic/aliphatic amine

CHEMICAL RESISTANCE:	Good
ABRASION RESISTANCE:	Good
MECHANICAL STRENGTH:	High
CLEANING SOLVENT:	Xylene, toluene, methyl ethyl ketone
CURE TIME:	Variable dependent upon film thickness and temperature, but at 68ºF (20°C) tack free 8-9 hours and full cure 4-5 days. However, material may be usable in service before full cure is attained. Post cure at temperatures up to 212ºF (100ºC) will speed cure, improve hardness and aid machining, see below. Should a second application of Plasmet 'T' be required, this should take place within the overcoating times specified below.
OVERCOATING:	Where more than one coat is required, Plasmet 'T' should be overcoated with itself within the following time periods:

Ambient temperature	32ºF to 50ºF (0°C to 10°C)	Minimum 24 hours, maximum 36 hours.
	50ºF to 77ºF (10°C to 25°C)	Minimum 7 hours, maximum 18 hours
	77ºF to 95ºF (25°C to 35°C)	Minimum 3 hours, maximum 12 hours

At low temperatures and high humidity, amine bloom may occur, evidenced by a dull greenish tinge on the surface. Where this occurs the bloom must be removed by abrading the surface before overcoating is carried out.

The cold cured properties of this material may be improved by post curing. This can be achieved by first allowing cure at ambient temperature for a minimum of 6 hours, then applying heat at 176ºF to 212ºF (80°C to 100°C) for periods up to 24 hours, at which time maximum possible cure will have been attained.

All values are approximate. Information regarding application of the product is available in the Corrocoat manual. Should further information be required, please consult Corrocoat Technical Services. Physical data is based on the product being in good condition before polymerisation, correctly catalysed and full cure being attained. Information regarding application of the product is available in the Corrocoat manual. Should further information be required, please consult Corrocoat Technical Services.

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