

# Cipomastic 90

**The high performance coatings**, PU or epoxy, need a higher degree of surface preparation to attain a surface profile conforming to SA 2½ specification. Various surface preparation methods like grit blasting, shot blasting, and high pressure water jetting are employed to attain surface profiles needed for such high performance coatings. So the development of surface tolerant coating became quite significant so as to avoid the costly, labour oriented environmental non-friendly abrasive blasting and instead using hand tool cleaning.

Cipomastic 90 is the result of Cipy's R&D endeavour towards this direction. Formulated to improve surface wetting, Cipomastic 90 is a surface tolerant epoxy based high build aluminium filled coating, which requires minimal surface preparation.

### Uses:

Recommended for application on steel or concrete structures, pipelines and tanks in severe corrosion atmosphere. Can also be suitable for use with potable water. It is suitable for chemical, fertiliser, pharma industries.

### Surface preparation:

- Remove oil, grease and any other contaminants using thinner PUT 502.
- Adopt power tool cleaning to remove loose rust.
- Surface should be clean and dry before application of Cipomastic 90.

### Application:

- Stir resin thoroughly and then mix one part of resin with one part of hardener by volume.
- Mix in small portions enough to last for 2 hours or less.

### Typical physical properties:

Type	Two pack, cold cured epoxy
Composition	Amido amine cured epoxy.
Finish	Medium Glossy
Mixing ratio(R:H)	1:1 by volume
Pot life	8 hrs @ 30 ° C
Application	Brush/Airless / Air spray
Recommended Wet film thickness	115-145 microns
Recommended DFT	100-125 microns
% Solids	90%
Drying time:	
To touch	1-2 hrs
To handle	5-6 hrs
Hard dry	24 hrs
Full Curing	7 days
Theoretical Coverage	6-7 sq.m / lt / coat @ 100 microns
Overcoat interval	Minimum 18 hours / Maximum 5 days
Flash point	Above 20 °C
Recommended thinner	Dilution- PUT 503 Clean-up - PUT 502
Shelf life	6 months in the unopened container.