

# Cipoxy CT 100

TOP COATS

**Cipoxy CT 100** is a **solvent free, two component, amine cured epoxy coal tar coating** to yield higher film thickness in single or multiple applications.. It has excellent water and alkali resistance. It is suitable for continuous immersion applications . It combines the chemical resistant properties of epoxy with the excellent water resistant properties of coal tar. It is available only in black colour , due to the presence of coal tar.

### Uses:

It is an ideal coating for submerged or underground steel or concrete structures, pipelines, jettys, offshore applications etc. Recommended for sluice and barrage gates, pipelines, storage tanks in coastal installations. Also suitable for various marine environment applications.

### Surface preparation:

- Remove oil, grease and any other contaminants using thinner PUT 502.
- Blast clean to minimum Sa 2½ (Swedish standard SIS 05 5900).
- If blasting is not practical, make full use of mechanical tools to remove loose rust and scale to St.2 Swedish standard.
- Surface should be clean and dry before application of Cipoxy CT 100.

### 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 epoxy , cold cured
Composition	Amine cured epoxy, blended with coal tar
Finish	Semi glossy
Mixing ratio(R:H)	1:1 by volume
Pot life	2 hrs @ 30 °C
Application	Brush/Airless / Air spray
Recommended Wet film thickness	150-200 microns
Recommended DFT	150-200 microns
% Solids	100%
Drying time:	
To touch	1-2 hrs
To handle	5-6 hrs
Hard dry	24 hrs
Full Curing	7 days
Theoretical Coverage	5 Sqm / lt / coat @ 200 microns
Overcoat interval	Minimum 6 hours / Maximum 5 days
Flash point	Above 20 °C
Recommended thinner	Dilution : PUT 508 Clean-up : PUT 502
Shelf life	12 months in the unopened container