

# Cipoxy CT 90

TOP COATS

**Cipoxy CT90** is a **high solids, two component amine cured epoxy coal tar coating**. It has excellent water and alkali resistance. It combines the chemical resistant properties of epoxy with the excellent water resistant properties of coal tar. It is available only in black colour owing to the colour 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 90.

## Application:

- Stir resin thoroughly and then mix two parts 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)	2:1 by volume
Pot life	2-3 hrs @ 30 °C
Application	Brush /Airless / Air spray
Recommended Wet film thickness	120-145 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	5-6 Sqm / lt / coat @ 125 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