

# Cipoxy 27

**Cipoxy 27** is a **two pack polyamide cured epoxy top coat** having good chemical resistance and is available in a range of colours. It is suitable for application in anti-corrosive epoxy based coating systems on properly primed surfaces. It can be recommended for both steel and concrete substrates.

### Uses:

It is recommended specially for chemical, fertiliser, petro-chemical industries where structures are exposed to chemical attack under various conditions. It is not normally recommended for outdoor applications due to the inherent chalking property of epoxide polymers.

### 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 27.

### Application:

- Apply suitable primer and allow to cure.
- Stir resin thoroughly and then mix four 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
Composition	Polyamide cured epoxy ,suitably pigmented.
Finish	Glossy
Mixing ratio(R:H)	4:1 by volume
Pot life	2 - 3 hrs @ 30° C
Application	Brush /Airless / Air spray
Recommended Wet film thickness	90-100 Microns
Recommended DFT	50 Microns
Volume solids	45%
Drying time:	
To touch	1-2 hrs.
To handle	5-6 hrs
Hard dry	24 hrs
Full Curing	7 days
Theoretical Coverage	8-9 Sqm. / lt. / coat
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 .