

# Cipoxy 45

Primers

**Cipoxy 45** is a **two pack polyamide cured epoxy primer** enriched with metallic zinc content lower than that in Cipoxy 25.

It provides excellent performance on blast cleaned steel surfaces as it imparts cathodic protection to the underlying metal. Primed surfaces can withstand normal cutting and welding operations. It can be over coated with various epoxy or polyurethane coatings to suit the performance requirements.

## Uses:

Cipoxy 45 is used as a shop primer for bare steel on new construction projects as well as major maintenance works. It is suitable for application as a primer coat on structural steel, pipelines, tank exteriors or similar application in coastal or corrosive atmosphere, especially in chemical / fertiliser / refinery plants.

## Surface preparation:

- Remove oil, grease and any other contaminants using thinner PUT 502.
- Blast clean to minimum SA2½ (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 coatings.

## Application:

- 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 5 hours or less.

## Typical physical properties:

Type	Two pack epoxy
Composition	Polyamide cured epoxy enriched with metallic zinc pigment.
Finish	Smooth Matt
Mixing ratio(R:H)	4:1 by volume
Pot life	5 - 6 hours
Application	Brush/Roller /Airless / Air spray
Recommended Wet film thickness	100 Microns
Recommended DFT	50 Microns
Drying time:	
To touch	25 - 30 min
To handle	24 hours
Hard dry	24 hours
Full Curing	7 days
Theoretical Coverage	8-9 sq.m. / 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