

# Cipoxy 46HB

INTERMEDIATE COATS

**Cipoxy 46HB** is a **cost effective version of Cipoxy 26HB**, which is a two pack polyamide cured high build epoxy coating reinforced with micaceous iron oxide pigments. It is designed as an intermediate coat in epoxy or polyurethane based anti-corrosive systems. It works extremely well as a coating over steel or concrete. This MIO high build coating is most suitable for use in marine / offshore applications due to its superior water impermeability.

### Uses:

Recommended for protection of structural steel, piping, tank-exterior in chemical plants, refineries, petrochemical complexes, offshore platforms etc. exposed to severe weathering and salt spray. Equally suitable for concrete structures in similar environments.

### 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 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, loaded with MIO pigment
Finish	Matt
Mixing ratio(R:H)	4:1 by volume
Temperature resistance	80 - 100°C
Pot life	5-6 hrs. @ 30°C
Application	Brush /Airless / Air spray
Recommended Wet film thickness	160-175 microns
Recommended DFT	75-100 Microns
Volume solids	45 %
Drying time:	
To touch	1-2 hrs.
To handle	4-5 hrs.
Hard dry	24 hrs
Full Curing	7 days
Theoretical Coverage	4-5 Sqm / lt / coat @ 100 microns
Overcoat interval	Minimum 6 hours Maximum 5 days
Flash point	Above 20 °C
Recommended thinner	Dilution : PUT 508 Clean-up : PUT 502