



MASTER CHEMICALS TECHNOLOGY

# MC- EPO PAINT H.B

## Polyamide Epoxy Coating

### Description :

MC-EpoPaint H.B is a high Build Polyamide Epoxy coating.

### Where to use :

For the protection of steel structures against extreme conditions.

### Characteristics :

- ◆ Excellent corrosion protection.
- ◆ Outstanding resistance to extreme weather conditions.

### Technical Data :

Colour	: Available in wide range of colours.		
Specific Gravity at 25 <sup>5</sup> C	: 1.55 ± 0.05 g/cm <sup>3</sup> (after mixing)		
Solids(%by volume)	: 68% ± 2		
Gloss	: Semi gloss		
Flexibility	: Good		
Recommended film thick.	: 100 micron (D.F.T)		
Theoretical spreading rate	W.F.T	D.F.T	M <sup>2</sup> /L
	150	100	6.8

### Application Data :

Application method	: Airless spray, brush, or roller may be used for applying.
Mixing ratio	: 20kg comp.A(resin) to be thoroughly mixed with 2.6 kg comp.B (hardener)
Pot life at 20 °C	: 3H(reduced at higher temp.)
Thinner/Cleaner	: MC-Thinner No.02
Guiding data airless spray	: pressure at nozzle 1500~1800 psi
Nozzle tip	: (0.018" - 0.023")
Spray angle	: 40 - 75

**Drying Time :**

Drying time are generally related to air circulation, temperature & film thickness .

Substrate temp.	Surface dry	Cured	Dry to recoat	
			Min.	Max.
10 °C	6 H	14 d	18 H	*
25 °C	4 H	7 d	10 H	*
35 °C	3 H	5 d	6 H	*

The figures given in the table are typical at :

- ◆ 100 micron D.F.T
- ◆ Free air circulation
- ◆ The surface should be free from any contamination prior to application of the subsequent coat .

**Conditions during application :**

The substrate temp. should be min.10° C and at least 3° C above dew point of the air .

**Substrate Condition:**

The surface should be clean ,dry blast primer or blast cleaning to Sa 2 1/2 .

**Storage and Packaging :**

- Storage : The containers must be kept in a cool dry place and tightly closed.
- Handling : With care, and stir well before use for at least 3-5 min.
- Packing : 20 kg comp.A: 2.6 kg comp. B  
5 kg comp. A : 0.65 kg comp. B

*For more details contact **Master Chemicals Technology** technical department*

*Or visit our website [www.mc.com.eg](http://www.mc.com.eg)*

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