



MASTER CHEMICALS TECHNOLOGY

MC- EPO PAINT T.C

Epoxy Top Coat

Description :

MC-Epo Paint T.C is a two pack epoxy top coat based on epoxy resin.

Where to use :

As a finishing coat for Epoxy's system.

Characteristics :

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

Technical Data :

Colour	: Available in wide range of colours.		
Specific Gravity	: 1.5 (after mixing)		
Solids(%by volume)	: 65 % \pm 2		
Gloss	: Glossy		
Flexibility	: Good		
Recommended film thick.	: 50 micron (D.F.T)		
Theoretical spreading rate	: W.F.T 80	: D.F.T 50	: M ² /L 13

Application Data :

Application method	: Airless spray, brush, or roller may be used for applying.
Mixing ratio	: 5 kg comp.A(resin) to be thoroughly mixed with 1 kg comp.B (hardener)
Pot life at 20 °C	: 3 hrs (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	3 H	14 d	18 H	*
25 °C	2 H	7 d	10 H	*
35 °C	1 H	5 d	6 H	*

The figures given in the table are typical at :

- ◆ 50 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 and dry .

Storage and Packing :

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 : 5 kg comp.A : 1 kg comp. B

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

Or visit our website www.mc.com.eg

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