



MASTER CHEMICALS TECHNOLOGY

MC- EPO PAINT

Epoxy Coating For Industrial Uses

Description :

MC-Epo Paint is a two components protective coating based on epoxy resin . It can be applied to all types of materials used in the construction industry ie concrete, metal, masonry, wood...etc.

Uses :

MC- Epo Paint is used as protective coating for floors and walls against abrasion and weathering . it has good resistance to diluted acids and alkalis . it has excellent property of protecting concrete ,metal , wood from humidity .

Where to use :

- Floors and walls in work shops and car Parks
- Boiler rooms, laundries ,metallic sheets .
- Laboratories ,show rooms ,garages .
- Oil collecting tanks and chemicals storage tanks .
- Approved for use in contact with potable water tanks and food stuff .
- Suitable for hot and cold temperature range (-40 up to 80 °C)

Technical Data :

Colour	: Clear and available in a wide range of colours .
Specific Gravity at 25 °C	: Clear 1.05 ± 0.05 g/cm ³
	: Colored 1.6 ± 0.05 g/cm ³
Soild by volume	: 73 ± 2%
Pot life at 25°C	: 90 min .
Mixing ratio	: Clear 2:1 (by weight ; Base : Curing agent)
	: Colored 5:1 (by weight ; Base : Curing agent).
Application system	: brush ,roll , or spry
Min .temp. of application	: 5° C
Dust free time	: 2-3 hours
Full curing	: approx. 7 days
Coverage	: Clear 150 g/m ² (100 μ)
	: Colored 220 g/ m ² (100 μ)
Shelf life	: 12 months
Packaging	: Clear 6 Kg (4Kg Base : 2 Kg Curing agent)
	: Colored 6 Kg (5 kg Base : 1 kg Curing agent)

Method Statement :

Surface Preparation

The surface must be dry and metallic surface should be sand blasted . Concrete must be free of deteriorated cement , grease , oil and dust .

Mixing and thinning

The curing component must be poured into oversized container of the base component , with the given mixing ratio , then the mixture must be thoroughly stirred for at least 4-5 minutes until a homogenous mix is reached **M C - Epo Paint** Can be thinned with 10-15% of the proper epoxy thinner 02

Method of application

M C - Epo Paint is applied using brush , roller or spray

Cleaning

Tools & equipment are cleaned by epoxy thinner “ M C - Thinner 02 ”

Safety Precautions

The following notes should be considered when using M C - Coating materials

- ◆ Take precaution to prevent material entering the eyes .
- ◆ Take precaution to avoid skin contact .
- ◆ Provide adequate ventilation .
- ◆ Keep away from sparks and flamer (for solvent containing material)

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

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