



MASTER CHEMICALS TECHNOLOGY

MC- EPO PAINT 21

Epoxy Protective Coating

Description:

MC-Epo Paint 21 is a two component protective coating based on epoxy resin. It can be applied to all types of materials used in the building industry i.e. concrete, masonry, metal, wood, etc.

Uses :

MC-Epo Paint 21 is used as protective coating for floors and walls against weather and abrasion. It has good resistance to dilute acids and alkalis. It also has an excellent property of protecting steel.

Where to Use :

MC-Epo Paint 21 can be used in:-

- ◆ Floors and walls in work shops
- ◆ Garages, boiler rooms.
- ◆ Laboratories, laundries, metallic sheets
- ◆ Potable water tanks and oil collecting tanks.

Advantages :

MC-Epo Paint 21 is a good protective coating against weather and abrasion.

- ◆ It has good resistance to acids and alkalis.
- ◆ It protects metal surface against corrosion in sever conditions.

Technical Data :

Color	: Clear and colored
Pot life at 20-25°C	: 2 hours
Solid content	: 60 % ± 2 (by volume)
Consumption rate	: Clear : 175 g/ m ² (100 μ)
	: Colored : 250 g/ m ² (100 μ)
Mixing ratio	: Clear : 2 :1
	: Colored : 5 :1
Specific gravity at 25°C	: Clear : 1.05 ± 0.02 g/ cm ³
	: Colored : 1.50 ± 0.05 g/cm ³
Dust free time	: 3-4 hours
Minimum application temperature	: 10°C
Packaging	: Clear : 6kg (Base 4kg : Curing agent 2 kg)
	: Colored : 6kg (Base 5kg : Curing agent 1 kg)
Shelf life	: one year at good storage conditions

Method Statement :

Surface preparation

The surface to be treated must be free from dust, grease and loose particles. Metal surface must be free from rust.

Mixing

The material must be mixed according to the mixing ratio; It is advisable to prepare time by time the suitable quantity to be applied in about two hours (at 25°C)

Method of application

MC- Epo Paint 21 can be applied by brush, roller, and airless spray equipment.

Cleaning

Cleaning of tools and equipments can be done using the suitable epoxy thinner.

Safety precautions

The following notes should be considered when using MC-Coating materials.

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

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

Or visit our website www.mc.com.eg