



MASTER CHEMICALS TECHNOLOGY

MC- EPO PRIME

Epoxy Resin Primer and Sealer

Description :

MC- Epo Prime is a low solvent containing, penetrating primer for old and new concrete.

Uses :

MC- Epo Prime is used as a primer for epoxy mortar and coatings, either containing or free of solvents, It can be used as curing compound and concrete sealer .

Where to use :

MC- Epo Prime can be used as concrete primer and sealer in :

- Show rooms.
- Under ground car parks .
- Air craft hangers.
- Car service stations.
- Oil, petrol and chemical factories.

Advantages:

MC- Epo Prime has an excellent bonding on old & new concrete.

Coated concrete with **MC-Epo Prime** are resistant to mineral oil, petrol and deicing salts.

The abrasion resistance of the surface is increased.

It is used as curing compound and at the same time protects fresh concrete against aggressive industrial fumes .

Technical Data :

Pot life at 20-25 °C	: 2 hours
Color	: Clear or any color
Mixing ratio base: curing agent	: Clear 2 : 1 (by weight) Colored 5 : 1
Specific gravity at 25 °C	: Clear 1.01 g/ cm ³ Colored 1.60 ± 0.02 g/cm ³
Consumption	: 150 - 200 g/m ² (one coat)
Drying Time	: 6 - 8 hours
Subsequent coating	: after the drying time (on clean surface)
Packaging	: Clear : 6 kg (base 4 kg : curing agent 2 kg) Colored : 6 kg (base 5 kg : curing agent 1 kg)
Shelf Life	: One year in normal storage conditions.

Application details:

Surface preparation:

Surfaces to be coated must be degreased, clean , dry and contamination free prior to **MC- Epo Prime** application .

New concrete should be at least 28 days age , if **M C - Epo Prime** is used as a primer for subsequent coats or sealer .

Mixing:

Material must be mixed according to the mixing ratio . It is advisable to prepare time by time the suitable quantity to be applied in two hours (at 20 - 25 °C) .

Method of application:

MC- Epo Prime can be applied by brush , roller, conventional and airless spray equipments.

Cleaning :

For cleaning tools and equipments use a suitable thinner .

Safety precautions:

The following notes should be considered when using MC- Coating Materials:

- 1- Take precautions to prevent material entering the eyes.
- 2- Take precautions to avoid skin contact.
- 3- Provide adequate ventilation.
- 4- 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

Master Chemicals Technology

11 Ahmed Kamal str, - Heliopolis

Tel / Fax : 26244491 / 26244492

Mob : 01001615868