



MASTER CHEMICALS TECHNOLOGY

MC- CURO 400

Concrete Curing, Sealing and hardening Compound

Description:

MC- Curo 400 is a milky-white liquid based on styrene butadiene polymer, It conforms to ASTM C 309-80 Type 1D.

Uses:

MC- Curo 400 is used as:-

- ◆ Curing compound for protection fresh concrete against evaporation.
- ◆ Sealer material on existing plain concrete structures.
- ◆ Hardening & coating for existing concrete floors.

Where to use:

MC- Curo 400 is used as a curing and sealing compound on large horizontal or inclined surfaces, such as:

- ◆ Airfields & Highways
- ◆ Pavements walls & dams
- ◆ Bridges & foundation slabs
- ◆ Other concrete surfaces.

Advantages :

- ◆ Economic to use.
- ◆ White film changed to clear upon drying.
- ◆ Make sweeping and cleaning easier.
- ◆ Useful as dust proffer, surface hardener on concrete floors.
- ◆ Reduce incidence of shrinkage cracks.

Technical Data:

Appearance	: Milky white liquid
Specific gravity	: 1 g/cm ³
Drying time	: one hour
Resistance to extreme temperature	: Not below 4°C

Temperature of application	: above + 5°C
Consumption	: As curing; 4-6 m ² / L As sealer and hardening; 0.5-1 kg /m ²
Shelf life	: 12 month in tightly closed original containers
Packing	: 20 kg drums

Method Statement:

Surface preparation

♦ **For curing**

Apply **MC- Curo 400** as evenly as possible to freshly poured concrete. If the concrete has lost some of its greenness, dampen the surface first with water before applying **MC- Curo 400**.

♦ **For sealing & hardening**

MC-Curo 400 is applied after dilution with water in 1:2.5 ratio by volume
The diluted material is applied uniformly, using a garden-type sprayer, industrial sprayer or roller.

Method of application

Material should be stirred well before use

♦ **For curing**

MC-Cure 400 is applied by spray to the freshly poured concrete or after removing the frames

♦ **For sealing & hardening**

MC-Cure 400 is applied after dilution with water in 1 : 3 by volume for the first coat , apply two more coats without dilution using the same method .

Cleaning

- ♦ Clean spraying equipment with water immediately after use
- ♦ Pay special attention to the thorough cleaning of spray nozzles and moving part.

For more details contact Master Chemicals Technology technical department

Or visit our website www.mc.com.eg

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