



MASTER CHEMICALS TECHNOLOGY

# MC-CURO 200

## Concrete Curing Sealing & Coating Compound

### Description:

**MC-Curo 200** is a special rubber polymeric material used as curing and sealing compound. It meets the requirements of ASTM C 309-81 type 2 class B "Specification for liquid Membrane forming compound for curing Concrete"

### Uses :

**MC-Curo 200** is used as:

- ◆ Curing compound for protection fresh concrete against evaporation
- ◆ Sealer material on existing plain concrete floors.
- ◆ Concrete coating over the cementitious concrete floor hardeners .

### Where to Use:

**MC- Curo 200** 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 :

**MC-Curo 200** is used on plain concrete surface

- ◆ It may be applied to horizontal or vertical surfaces, smooth or textured indoors or outdoors.
- ◆ It is used as a sealer to reduce dusting and make sweeping and cleaning easier.
- ◆ Protect fresh concrete against evaporation , keeping good mechanical properties and less shrinkage .

### Technical Data :

Appearance	: Clear liquid and available in high rang of colors
Specific gravity	: $1.16 \pm 0.02 \text{ g /cm}^3$ at $25^\circ\text{C}$
Drying time	: Quick drying occurs in areas exposed to wind excessive heat , sun, etc.
Temperature of application	: above $+ 5^\circ\text{C}$
Consumption	: about $4\text{-}6 \text{ m}^2/\text{L}$ .
Shelf life	: one year in tightly closed containers
Packaging	: 210 liters .

## **Application :**

### **Surface preparation**

**MC-Curo 200** is applied immediately after the exposed surface has hardened. If the concrete has lost some of its greenness dampen the surface first with water before applying **MC- Curo 200**, note that the surface is free of standing water, and do not apply **MC-Curo 200** while free water remains on.

### **Method of application**

**MC-Curo 200** is applied by spray to the freshly poured concrete using a garden-type spray or an industry sprayer

- ◆ Also **MC- Curo 200** can be applied using roller, if the rolling action start to create tiny bubbles on the surface, slow down the rolling motion.
- ◆ Do not “pull” the material when applying
- ◆ If second thin application for aesthetic purposed is required, the first coat must be thorough dry before the second coat is applied.

### **Cleaning**

Clean spraying equipment or roller with a suitable thinner

## **Safety precautions**

- ◆ **MC-Curo 200** is combustible therefore keep it away from spark and flame.
- ◆ Take precautions to prevent material entering the eyes.
- ◆ Take precautions to avoid skin contact.

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

*Or visit our website [www.mc.com.eg](http://www.mc.com.eg)*