



MASTER CHEMICALS TECHNOLOGY

# MC- FLEXICOTE

## Synthetic Rubber Coating

### Description :

**MC-Flexicote** is a water-born quality paint material based on styrenated acrylic polymer , characterized by thixotropic properties; formulated to expand the scope of emulsion range and fulfill requirements in the architectural field.

### Special Features :

- ◆ High flexibility.
- ◆ Superior decorative and protective properties .
- ◆ Special thixotropic properties .
- ◆ Excellent color retention , UV and weathering resistant .
- ◆ Excellent adhesion and weather resistant properties .
- ◆ Excellent resistant to wet scrubbing and fungal attack/growth .
- ◆ Very good flow and drying properties .
- ◆ Excellent washability and purposely suited for painting alkaline surface .
- ◆ Excellent properties allowing substrate surfaces to breath .
- ◆ Can be used as a putty for cracks when special fillers added to it .
- ◆ Excellent water proofing membrane coat .

### Area of use :

**MC-Flexicote** as an interior/Exterior decorative and protective coat over new as well as old building substrates i.e.,

- ◆ Concrete Structure & fairface Concrete.
- ◆ Bricks , Plastered Walls & primed steel surfaces .
- ◆ Gypsum Boards & Block Works.
- ◆ Areas exposed to damp conditions

### Technical Data :

Color	: Available in wide range of colors
Solid content	: 40 % (by volume )
Density	: $1.6 \pm 0.1 \text{ g /cm}^3$
Theo. Coverage	: 2-4 m <sup>2</sup> /Kg ( one coat ) <i>Practical coverage primarily depends upon nature/degree of surface porosity, method of application and site conditions.</i>
Flash Point	: Non-flammable (water-borne product)
Drying time	: touch dry 2hrs , hard dry 24hrs
Recoating	: after 6 hrs

## **Method Statement :**

### **Surface preparation:**

#### **New Surface:**

1. Degrease areas where grease, oil and other surface contamination.
2. Wire Brush/Mechanical Power Tool Clean areas where laitance, surface porosity and loosely adhering foreign material exist .

#### **Old / Previously Painted Surface:**

1. Remove all blistered, cracked and brittle paint coats off the surface.
2. Detached coats with inadequate adhesion must be properly scraped back to a film edge.
3. Glossy paint coatings must be sanded/roughened to ensure proper intercoat adhesion characteristics .
4. Surface to be coated must be clean and contamination free prior to paint application process.

### **Stirring and Thinning :**

Material must be properly stirred and thinned with fresh water only. Low percentage of thinning will result in a fine textured effect upon brush/roll application.

## **Application Details :**

**M C - Flexicote** is applied by brush , roller or spray in two or three coat over suitable sealed /primed and puttied surface .

### **Cleaning:**

For cleaning tools and equipments use Water only.

**Packaging** : 20 kg pails

**Shelf Life** : 12 months in normal storage conditions.

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

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

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