



MASTER CHEMICALS TECHNOLOGY

# MC- KIBO EPOXY

## Tar Epoxy Protective Coating

### Description:

**MC- Kibo Epoxy** is a two-component epoxy -tar formulation, which cures chemically to form a remarkably tenacious protective black coat.

### Uses:

**MC- Kibo Epoxy** finds useful application:

- ◆ As lining for tanks containing oil, gasoline, water solution and diluted acids and alkalis. For pipes and canals discharging industrial wastes.
- ◆ For sewage and drainage works to provide the required degree of resistance to the damaging action of many corrosive fumes which attack and destroy non-protected concrete or metal surfaces.
- ◆ For steel and concrete structures completely or partly immersed in seawater.

### Advantages:

**MC- Kibo Epoxy** produces a durable and efficient barrier for the protection of steel, concrete and masonry surface.

- ◆ As a protective coat against chemical attack
- ◆ Once cured, it does not crack under hydrostatic pressure.
- ◆ It is easy to use
- ◆ No need to primer Coat.
- ◆ It is resistant to the damaging action of many corrosive fumes, which attack and destroy unprotected concrete or metal surface.

### Technical Data :

Solid content	: 70± 2% (by volume )
Specific gravity at 25°C	: 1.4 g/cm <sup>3</sup>
Pot life	: 2 hours (at 25°C)
Mixing ratio	: 5 : 0.7 (Base (A) 5 Kg : curing Agent (B) 0.7Kg)
Time for 2 <sup>nd</sup> coat	: 24 hours
Theoretical spreading rate	: 200-300 g/m <sup>2</sup> (for each coat; 100-150μ )
Packaging	: 5.7kg ( Base A 5kg : curing Agent B 0.7kg )
Shelf life	: 12 months

**Method Statement:****Surface preparation**

Scrape and wire brush the surface to remove all loose scale and foreign particles.

**Mixing**

Thoroughly mix the correct amount of base (A) and curing agent (B) for at least 5 minutes.

**Method of application**

**MC-Kibo Epoxy** can be applied by brush or airless pump using all the mixed material within the pot life

**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](http://www.mc.com.eg)*

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