MASTER CHEMICALS TECHNOLOGY

# MC- EPO POINT

## Epoxy Pointing Mortar

**Description:**

**MC- Epo Point** is a solvent free three component system based on epoxy resin, amine hardener and specially selected aggregates .

**Uses:**

**MC-Epo Point** is used as pointing mortar for blue bricks and tiles for linning wastewater tunnels, manholes, sewage plants and other related structures.

**Advantages**:

- Pre -measured packaging
- Non- Sag
- Resistant to waste water, diluted acids and alkalis
- Can be applied on dry or damp surfaces
- Needs no priming
- Long pot life

**Technical Data**:

| | |
|---|---|
| Pot life at 20 $^5$C | : 2 hours (ASTM – C 308 ) |
| Color | : Brown |
| Tensile strength | : > 5 N/ mm$^2$ (ASTM – C 307 ) |
| Bond strength | : > 1.5 N/ mm$^2$ (ASTM – C321 ) |
| Water absorption | : < 0.3 % (ASTM – C 413 ) |
| Linear shrinkage | : < 0.5 % (ASTM – C 531) |
| Compressive strength | : 67 ± 2 N/ mm$^2$ (ASTM – C 579 ) |
| Specific gravity (at 25°C) | :1.83 g/cm$^3$ |
| Consumption | : 185 -200g/ 1cm x 1cm x 1 m |
| Shelf life | : 12 months |
| Packaging | : 40 (4 kg resin +2.7 kg hardener +33.3kg Filler) |

**Method statement:**

***Surface preparation***

Surface to be pointed must be clean, sound, free from oils and no need to coat with prime coat.

***Mixing***

Thoroughly mix resin component with the hardener component using a mechanically low speed mixer until a homogeneous mix is achieved then add the filler while stirring until a homogenous material in color and consistency is achieved.

***Method of application***

**MC- Epo Point** is applied using hand gun, pointing trowel, spatula or putty knife for filling the joints .

***Cleaning***

For cleaning tools and equipments use suitable thinner (M C - Thinner 02)

**Safety Precautions**

The following notes should be considered when using MC- 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***

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