



MASTER CHEMICALS TECHNOLOGY

MC- ADMIX 32

Admixture for Improving Concrete

Description:

MC-Admix 32 is a concrete admixture used to obtain more uniform quality concrete , reduce the water content of concrete for a given consistency with greater economy for a given strength .

Standards:

MC-Admix 32 meets the requirements of ASTM C-494 Type A and BS 5075 part 1.

Advantages:

MC-Admix 32 aids in the production of concrete with these special qualities in both the plastic and hardened states:

In the Plastic Concrete

- ◆ Superior finishing characteristics for flatwork and cast surfaces.
- ◆ Improved workability.
- ◆ Reduced segregation.
- ◆ Reduced water requirements for a given workability.

In the Hardened Concrete

- ◆ Superior finished appearance.
- ◆ Increased strength (compressive, flexural and bond of concrete to steel)
- ◆ Reduced permeability (integral waterproofer)

Uses:

MC- Admix 32 is ready-to-use liquid admixture for making better, more uniform, quality concrete. It reduces the water content of concrete for a given consistency with greater economy for a given strength.

MC- Admix 32 is recommended for use in all types of concrete where normal setting characteristics are required or desired.

MC- Admix 32 improves plain, reinforced, Precast, Prestressed, light weight or standard weight concrete. When used in conjunction with another admixture, each admixture must be dispensed separately into the mix.

Technical Data:

| | |
|---------------------------|--------------------------|
| Appearance | : Clear brown liquid |
| Specific gravity at 25° C | : 1.16 g/cm ³ |
| Chloride content | : Nil |
| Air Entrainment | : <1 % |
| PH | : 7± 1 |

Rate of Use:

MC-Admix 32 can be added directly to the mixing water prior to its addition to the mixer or added separately to the freshly mixed concrete. It is added in the range of 400± 100ml/100kg of cement the optimum dosage is determined by trials using the same materials in use.

Effect of Over Dosage :

An over dose of the recommended dosage of **MC-Admix 32** will produce concrete with high workability. The ultimate compressive strength of the concrete will not be reduced.

Compatibility :

MC-Admix 32 is compatible with all types of Portland cement.

MC-Admix 32 is compatible with other MC-Admix products, which must be added separately.

Shelf life :

18 months under suitable storage conditions in closed drums or tanks.

Packaging :

210 Lit. drums and large capacity tanks.

Cleaning :

Tools & equipment are cleaned using water.

Safety :

MC- Admix 32 is nontoxic and nonflammable.

Skin contaminations should be cleaned with water.

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

Or visit our website www.mc.com.eg

Master Chemicals Technology

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