

PRODUCT FAMILY

Concrete
Admixtures

MCT

MC-Admix 11

Set Retarder and Plasticizer for Concrete and Mortar

MC-Admix 11 is a concrete set retarder, plasticizer and water reducer, based on modified lignosulphonate.

Approved dosage	Specific gravity @ 25°C	Chloride content	Pack sizes
400 ± 100 cm³ / 100 kg cement	1.15 g/cm³	Nil	210 L drums • large-capacity tanks

Description

MC-Admix 11 is a concrete set retarder, plasticizer and water reducer, based on modified lignosulphonate.

Where to use

- Recommended for concrete where retardation of setting and improved performance are required or desired.
- Improves pumped concrete, shotcrete and conventionally placed concrete.
- Suitable for plain, reinforced, precast, prestressed, lightweight and standard-weight concrete.

MCT TECHNICAL DATA

MC-Admix 11

Set Retarder and Plasticizer for Concrete and Mortar

Standards / source references

ASTM C-494 Type B

Advantages

- Moderate to extended retardation depending on dosage.
- Superior finishing characteristics for flatwork.
- Better appearance of formed surfaces.
- Increased compressive, flexural and bond strength of concrete to steel.
- Greater economy in a mix designed for a given strength, slump and air content.
- Minimum cracking.
- Reduced permeability.
- Improved watertightness.
- Easier placement.
- Economy in placement.

MCT TECHNICAL DATA

MC-Admix 11

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Technical data

Appearance	Clear brown liquid
Specific gravity @ 25°C	1.15 g/cm ³
Chloride content	Nil
Air entrainment	< 1%
pH	7 ± 1
Shelf life	18 months under suitable storage conditions in closed drums or tanks.
Packaging	210 L drums and large-capacity tanks.
Dosage	400 ± 100 cm ³ / 100 kg cement

Dosage / method

MC-Admix 11 may be added directly to the mixing water before it enters the mixer, or separately to freshly mixed concrete. The approved publication dosage is 400 ± 100 cm³ per 100 kg of cement. Determine the optimum dosage by trials using the same materials intended for use.

Cleaning

Clean tools and equipment with water.

MCT TECHNICAL DATA

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Compatibility

Compatible with all types of Portland cement. Compatible with other MC-Admix products; each admixture must be added separately.

Storage / shelf life

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

Safety

Non-toxic and nonflammable according to the approved source. Wash skin contamination with water.

Packaging

210 L drums and large-capacity tanks.

Standards

ASTM C-494 Type B

