

PRODUCT FAMILY

Concrete
Admixtures

MCT

MC-PROOF

Admixture to Produce Watertight Concrete and Mortar

MC-PROOF is a ready-to-use liquid admixture for more uniform, workable concrete with reduced water permeability.

Addition rate	Specific gravity	Shelf life	Pack size
500 ± 100 ml / 100 kg cement	1.12 g/cm³	18 months	210 L drum

Description

MC-PROOF is a ready-to-use liquid admixture that produces watertight concrete and supports more uniform concrete quality and workability.

Where to use

- Recommended where watertight characteristics are highly required, including foundations, retaining walls, reservoirs, water tanks, water and sewage tunnels, swimming pools and related water-retaining structures.
- Suitable where increased resistance to severe weather, salts, sulphates and chemical exposure is required.
- Suitable for concrete used in repair and rehabilitation of water-retaining structures.

MCT TECHNICAL DATA

MC-PROOF

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Advantages - fresh concrete

- Improves mixing, placing, compaction and finishing.
- Reduces honeycombing and segregation.
- Reduces mixing water without reducing workability.
- Increases concrete density.

Advantages - hardened concrete

- Increases compressive and flexural strength and bond of concrete to steel.
- Produces watertight hardened concrete.
- Improves resistance to surrounding and weather conditions.
- Improves resistance to sulphates, chlorides, other salts and chemicals.

MCT TECHNICAL DATA

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Technical data

Appearance	Clear brown liquid
Specific gravity	1.12 g/cm ³
Chloride content	Nil
Air entrainment	< 1%
Addition rate	500 ± 100 ml / 100 kg cement
Packaging	210 L drums
Shelf life	18 months in closed drums or tanks.

General precautions

- When MC-PROOF is used with other admixtures, add each material separately.
- Non-toxic and nonflammable according to the approved source; wash exposed skin with water.
- For dosages outside the recommended range, consult MCT technical support.

