

PRODUCT FAMILY

Water Proofing &
Joint Sealants

MCT

MC-Flow Plug

Quick-setting hydraulic cement compound that stops flowing water instantly

MC-Flow Plug is a quick-setting treated cement compound for mixing with water. The source references ASTM C109 and BS 1881 Part 4:1970.

Packaging	Rate of use	Setting	Standards
20 kg bags	0.5 kg seals a 20 x 20 mm crack over 70 cm	3-5 minutes	ASTM C109 BS 1881 Part 4:1970

Description

MC-Flow Plug is a quick-setting treated cement compound for mixing with water. The source references ASTM C109 and BS 1881 Part 4:1970.

Where to use

- stops flowing water through holes or cracks in concrete and masonry surfaces.
- Seals around pipes, conduits and ducts.
- Repairs cracks in concrete and masonry construction.
- Rrrecommended before cement-based masonry coating such as MC-Flow Seal.

MCT TECHNICAL DATA

MC-Flow Plug

Quick-setting hydraulic cement compound that stops flowing water instantly

Advantages

- Sets fast: approximately 3-5 minutes.
- Expands upon setting.
- Easy to use; no special equipment is required.
- Just add water.
- Non-staining.
- Durable.

Technical data

Packaging

20 kg bags

Rate of use

0.5 kg of MC-Flow Plug will seal a crack 20 mm x 20 mm x 70 cm

Mixing

Add clean water to a small amount of MC-Flow Plug and mix to a putty consistency. Do not prepare more material than can be placed within two minutes. Warm water accelerates setting while cold water slows it. Below 15°C setting may be delayed; above 30°C protect the material from direct hot sun.

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Application

To stop flowing water: 1) Seal the crack from top to bottom, ending at the point of maximum pressure. 2) For the final closure, delay placing MC-Flow Plug until it is warm to the touch, then force it into the opening and maintain pressure for a few minutes until the material hardens. 3) Shave off surplus material.

Method statement

Existing structure: enlarge the crack to a width and depth of 20 mm. Cut a square or undercut profile to help hold the patch; do not cut a V-shaped groove. New construction: insert a 20 mm x 20 mm strip flush at the junction of vertical walls and concrete floor slabs. This opening is then prepared for MC-Flow Plug. Place concrete and allow it to cure.

Packaging & consumption

Packaging: 20 kg bags. Consumption: 0.5 kg of MC-Flow Plug will seal a crack 20 mm x 20 mm x 70 cm.

