MC-Fix ST

Rapid-setting Repair Grout for Stopping Water Leakages

Properties

- Sets within minutes and develops the normal 28 days strength within hours
- Ready-to-use, requires only addition of water
- Free from chloride and other harmful substances

Areas of Application

- Tunnels, subways and underground structures, sewage works, tanks and pipes
- Fillings holes left by tie wires, wood and steel seperators etc.
- Fast installation and connection work in concrete and masonry

Application

General

MC-Fix ST is a specially developed one component formulation, which stops leakage, seepage and running water in concrete or masonry walls and floors within minutes. It provides immediate and reliable repair-work against undesired water leakage. MC-Fix ST is free from chlorides and other harmful substances, and can be universally used to stop leaking and running water in concrete as well as brickwork.

MC-Fix ST does not only stop water leakage instantly, but also develops the normal 28 days strength of concrete within hours.

MC-Fix ST can also be used as an anchoring aid for bolts, mechanical posts, poles etc. in concrete and masonry, or wherever rapid hardening and quick strength are required. MC-Fix ST has varied usage for almost all civil engineering structures, both old and new.

Instructions for use

Examine the area where water is leaking or gushing in and identify the cause.

Where water is leaking chip the surface to form a V-shape dovetail. Cut at the point of leakage and remove all dirt, loose particles, debris and contaminants adjacent to it.

From here on gloves should be worn at all times until completion of the work.

Mix MC-Fix ST with water in the ratio of about 3 : 1 (MC-Fix ST powder : Water) and knead rapidly to a pasty consistency.

Mix only small quantities which can be applied instantly.

Take the paste in the hand (the wearing of thick hand gloves is absolutely mandatory due to the heat development) and quickly form into a shape of a ball, plug the cut dovetail and press firmly with the aid of a trowel or similar tool, and keep pressing firmly for about 1-2 minutes until the compound sets.

If water is gushing in under high pressure, insert a plastic pipe into the point of leakage and plug the compound around the pipe. Once the compound around the pipe is hardened, pull off the pipe and plug the hole left from the pipe.

Before the compound has fully hardened, smooth out the surface using suitable tools. Immediately after an active water leakage has been stopped, remove the excess plugging material from the surroundings.

Keep the plugging slightly wet by gently sprinkling water for about 15 - 30 minutes depending on ambient temperatures.

Do not apply the compound if it shows signs of hardening before application, and do not add more water to make it workable again.

Technical Data for MC-Fix ST

Characteristic	Unit	Value	Comments
Mixing Ratio	p.b.v.	3 : 1	MC-Fix ST powder : Water
Application Time	seconds	~60	at 20 °C

Product Characteristics for MC-Fix ST

Delivery	12 & 24 kg bucket
Storage	Can be stored in cool and dry conditions for **one year** in original unopened packs.
Disposal	Buckets must be emptied completely.