



MASTER CHEMICALS TECHNOLOGY

MC- Grout E.X

Expanding Agent

Description:-

MC- Grout EX is an expanding agent for cement base mixtures “Cement base grouts” to reduce mixing water requirements and provides expansion.

Where to use :-

MC-Grout EX is designed for cement – sand and neat cement grouts and recommended for use in the production of .

- ◆ Replaced aggregate concrete by sand cement grout above or under water
- ◆ Remedial treatment of concrete surfaces .

Benefits :-

MC- Grout EX when used in the recommended applications provides :

- ◆ Sufficient water reduction to make highly fluid sand grouts attain concrete strengths .
- ◆ Lubrication to facilitate penetration, reduce pumping pressures and permit transmission through long lines .
- ◆ Fluid-phase expansion required in the production of preplaced aggregate concrete .

Note : The amount of expansion is related to the alkali content of the cement. When expansion and compressive strength are important, mixes should be prepared in advance and tested for the desired properties .

Compliance :

MC- Grout EX is complies with BS 8110 part 1

Properties :-

Chloride Content	: Nil
Setting time	: MC- Grout EX does not affect the setting time of cement based grouts .
Time for expansion	: from 20 min - 2h at 20° C .
Compatibility	: MC- Grout EX is compatible with all types of Portland cement .
Dosage	: 0.5 - 1.5 % by weight of cement
Shelf life	: 18 Months Minimum

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

Or visit our website www.mc.com.eg

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