

GROUT TECH 5000

Stabiliser for Cement Grouting



WHERE TO USE

Grout Tech 5000 is a slurry suspension for cement grouting which prevents cement and water from separation, also at high water-cement ratios.

Grout Tech 5000 can be used in combination with all types of cement (micro cement, rapid cement and standard cement).

PROPERTIES

Grout Tech 5000 is a liquid water-based material which contains stabilising materials that prevent water and cement from separation.

Grout Tech 5000 contains silica-fume that causes the grout to obtain a cohesive performance.

It is recommended to stir **Grout Tech 5000** before use.

Grout Tech 5000 does not influence the setting time in cement based grouts and it does not act as an accelerator or retarder in notable degree.

DOSAGE

Grout Tech 5000 is added undiluted to cement based grouts.

The dosage will be dependent on several parameters:

- Water-cement ratio;
- Type of cement (fineness, Blaine);
- Expected viscosity (higher dosage increases viscosity);
- Normal dosage at W/C 1.0 : 10 % by cement weight.

It is recommended to mix **Grout Tech 5000** with water and superplasticising admixture in a colloidal mixer (1500 - 2000 rpm) before the addition of cement.

PACKAGING

Grout Tech 5000 is delivered in 28 kg cans, 1400 kg IBC-containers or tank.

STORING

Grout Tech 5000 is water based and must be stored above freezing point. The product's properties remain unchanged during 12 months storage.

SAFETY INSTRUCTIONS FOR PREPARATION AND INSTALLATION

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL SPECIFICATIONS (typical values)

PRODUCT IDENTITY

Viscosity (mPa·s):	< 1000
Dry material content:	50 ± 2 %
pH:	6 ± 1.0
Specific density (g/cm ³):	1.32 - 1.40

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above - information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application: for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the technical data sheet, available from our web site www.mapei.no

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