

KÖSTER Betomor® VGM Fast

Technical guideline / Article number **5.251**
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- Industry classification "Betomor" registered at the German patent office, Nr. 306 07 698

Ready to use, fast curing grouting mortar

Features

KÖSTER Betomor® VGM Fast is characterized by a very high spread value, it can be poured well and it develops fast a high compressive strength and a high flexural strength fast. KÖSTER Betomor® VGM Fast is resistant to de-icing salts, to building-material damaging salts as well as to oil and to lubricants.

The dry mortar is mixed into the mixing water using a slow rotating stirring device (recommended: KÖSTER Double Paddle Mixer, max. 400 rpm). Mixing time is approx. 3 minutes. The grouting procedure should be carried out in one workstep.

Technical data

Powder component	30 kg
Mixing water	5.1 l
Colour	cement grey
Density	dry mortar approx. 1.9 g / cm ³ fresh mortar approx. 2.1 g / cm ³ (incl. mixing water)
Max. grain size	1.2 mm
Begin of setting	after approx. 15 min (20 °C)
Flexural strength after 2.5 hours	> 2 N / mm ²
Compressive strength after 2.5 hours	> 5 N / mm ²
Compressive strength after 24 hours	> 20 N / mm ²
Compressive strength after 14 days	> 40 N / mm ²
Can be driven on (at temperatures > 10 °C)	after approx. 3 hours

Consumption

Approx. 1.9 kg per l void

Packaging

30 kg bag

Storage

Store the material in a dry place; in originally sealed packages, it can be stored for 6 month.

Safety

Contains Portland cement. Reacts caustic. Thus protect skin and eyes from contact. In case of contact, rinse thoroughly with water.

Field of application

KÖSTER Betomor® VGM Fast is designed for repairs in areas, in which an early and high loading capacity is required, e. g. for road surfaces, man holes, garages, warehouse ramps etc, also for underfilling of machine foundations, columns of high rise racks and the like and as grout for installations and anchoring holes.

Application

The substrate has to be free of loose particles and separating substances. It is recommended to remove loose particles such as cementitious slurries, spillings and the like by high pressure water cleaning.

The accurate and thereby effective and successful installation of our products is not subject to our control. The guarantee can therefore only be applied to the quality of our products within the scope of our terms and conditions, not, however, for their effective and successful installation. These guidelines replace all previous ones.