



KÖSTER VGM Fast

Ready to use, fast curing grouting mortar

Features

KÖSTER VGM Fast is characterized by a very high spread value, is easily poured, and quickly develops a high compressive and flexural strength. KÖSTER VGM Fast is resistant to de-icing salts, other salts detrimental to building materials, as well as to oil and lubricants.

Technical Data

Powder component	25 kg
Mixing water	4.0 - 4.5 l
Color	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	0.8 mm
Begin of setting	after approx. 15 min (+ 20 °C)
Maximum layer thickness	5 cm
Compressive strength after 2.5 hours	> 5 N / mm ²
Compressive strength after 24 hours	> 20 N / mm ²
Compressive strength after 7 days	> 40 N / mm ²
Compressive strength after 28 days	> 70 N / mm ²
Flexural tensile strength after 2.5 hours	> 2 N / mm ²
Flexural tensile strength after 24 hours	> 4 N / mm ²
Flexural tensile strength after 7 days	> 9 N / mm ²
Flexural tensile strength after 28 days	> 11 N / mm ²
Can be driven on	after approx. 3 hours
(at temperatures > + 10 °C)	

Fields of Application

KÖSTER VGM Fast is designed for repairs in areas in which an early and high loading capacity is required such as for road surfaces, man holes, garages, warehouse ramps, etc, also for underpinning machine foundations, shelf rack columns, and as pocketing grout for installations and anchoring holes.

Substrate

The substrate must be clean, solid, and stable. Remove all laitance and bond inhibiting soilings such as dirt and dust. It is recommended to prepare the substrate by high pressure water jetting. Pre-wet the substrate before installation.

Application

The dry mortar is slowly added to 4.0 - 4.5 liters of clean mixing water while constantly mixing using a slow rotating stirring device (recommended: KÖSTER Double Paddle Mixer, max. 400 rpm). Mixing time is a minimum of 3 minutes. The grouting procedure should be carried out in one work step.

Aftertreatment

Curing can be aided by covering the hardened material with polyethylene sheets. This reduces surface shrinkage tension especially when the material has been applied in thick layers.

Consumption

Approx. 1.9 kg / l void

Cleaning

Clean tools immediately after use with clean water.

Packaging

SL 251 025 25 kg bag

Storage

Store the material in a dry environment. In originally sealed packages, the material can be stored for a minimum of 6 months.

Safety

Contains Portland cement. Reacts caustic. Thus protect skin and eyes from contact. In case of contact, rinse thoroughly with water. Observe all governmental, state, and local safety regulations when processing the material.

Related products

KÖSTER Double Paddle Mixer Prod. code X 992 001