



TECHNICAL DATA SHEET

KEM GROUT AID

Expanding Grout Admixture

DESCRIPTION:

KEM Grout Aid is an expanding grout admixture in powder form for pressure/injection grouting in structural and pre-stressed concrete elements. It's incorporation in the concrete mix provides increased fluidity without segregation because of it's water reducing capacity, coupled with controlled wet volume expansion, which compensates for plastic shrinkage and settlement in cementitious grouts. Full expansion is achieved before initial setting occurs resulting a stronger grout with a high degree of interfacial contact.

PRODUCT SPECIFICATION / COMPLIANCES:

Appearance	: Gray coloured powder
Packing	: 1 kg.
Shelf life	: 12 months in the original un-opened packing.
Storage	: Keep it in a cool and dry place.

PRIMARY APPLICATIONS:

- KEM Grout Aid is highly useful and advantages in the following grouting applications : for bedding, void filling, duct grouting, pre-stressed cable ducts, rock and soil anchoring, bearing plates, pre-placed aggregate and tunnel lining.

PRODUCT FEATURES:

- As a plasticizer and water reducing agent, it improves the fluidity and cohesion of the grout at lower water content with increased strength.
 - As an expanding agent, volume expansion occurs in wet state which in turn eliminates shrinkage and settlement. The grout thus form a firm and uniform bond to the concrete and to the steel at the same time provides good protection to the reinforcement or pre-stressed cable as it contains no chloride.
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DOSAGE:

0.5% to 1.0% by weight of cement depending in placing condition and plasticizing property required.

TECHNICAL SERVICE:

Chembond has established itself in various fields on the basis of its dependable technical service. For this purpose, we maintain a well equipped laboratory for research & quality assurance of all products. Our experienced personnel are always on call and would always be available for product demonstrations and product performance monitoring.

SAFETY PRECAUTIONS:

Kem Grout Aid is alkaline in nature. Prolonged contact with skin may cause some irritation. Care should be taken to avoid inhalation or ingestion of dust and prevent contact with the eyes.

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