

KEM GROUT AID

Expanding Grouting AID

Cementitious Grouting Admixture

Ref: GA/EGA-V1-0112

Description

KEM GROUT AID is an admixture used for site batched cement based grout for injection grouting in structural and pre-stressed concrete elements. KEM GROUT AID has an expansion property which resists the plastic shrinkage of cement. The plasticizing effect increases the fluidity of the concrete mix so that a proper grouting operation can be achieved. It can also be used for filling joints between precast concrete units, grouting of concrete beams, columns and normal repair work where shrinkage must be avoided.

Uses

- Injection Grouting
- Filling gaps between various construction elements & member
- Grouting

Advantages

- Prevents segregation of the grouting mortar and improves its adhesion property, minimizing voids in the grouted mass
- Helps to obtain flowable cement grout due to plasticizers effects.
- Helps to achieve a non-shrink grout due to its expanding characteristics.
- Leads to high dispersion thus making it possible to reduce W/C ratio this increasing overall strength.
- Can be used with any type of cement

Typical properties

State : Powder

Colour : Grey

Direction for use

- Mix cement and water or cement + Sand + water for at least 4 minutes to get a homogeneous mix.
- Add KEM GROUT AID to this mix.
- For best results, always add water, then cement, followed by KEM GROUT AID.

Packaging

1 kg

Storage & Shelf Life

Storage: Stored in dry conditions at moderate temperature and humidity.

Shelf Life: 12 months

Cleaning: All equipment must be cleaned with water immediately after use. Mixes containing this product must not be emptied into drainage system.

Protection: All work must be protected from rain and frost until fully hardened.

Fire Resistance: It is not flammable.

Dosages

KEM GROUT AID is dosed in between 1.0 – 2.5% by weight of cement depending on placing conditions and the flow property required

It is recommended to conduct a compatibility test to optimize the dosage.

Health & safety

KEM Grout AID is a non-toxic and non hazardous. However, any splashes on any part of the human body must be washed with plenty of water. Avoid smoking while applying this product.

Technical service

Chembond has established itself in various fields on the basis of its dependable technical service. We maintain a well-equipped laboratory for research and quality assurance of all our products. Our experienced personnel are always on call and readily available for product demonstrations and product performance monitoring.



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