

ROCKMAX[®] KAZ A

PLASTICISED EXPANDING GROUT ADMIXTURE



INTRODUCTION

Rockmax KAZ A is a ready to use powder form admixture use be an additive for produce cementitious grout mortars and injection grouts. The product provides good reduction water/cement ratio and gaseous expansion results increase strength and durability of cement mortar. The expansive properties is to ensure good interfacial contact.

AREA OF USES

Rockmax KAZ A is used for additive for cementitious grouts, pre-stressed grouts, fill bearing plates, rock anchoring and duct grouts.

ADVANTAGES

- Good reduction water/cement ratio.
- Good expansion result shrinkage compensates.
- Good adhesion.
- High flow grout.
- Economical to produce non shrink grouts.
- Non metallic and non chloride.

TECHNICAL PROPERTIES

Color and Form: Grey powder

Chloride content: Nil

Expansion: typically 3-4%

Dosage: 1.0-2.0% by weight of cement

Compatibility: All types of Portland cement

MIXING

The proper mixer must be prepared for mixing grout, fine aggregates and additives. Small volume of grout could be used low speed electric mixer. However the large volume mixed required high shear paddle. The optimum dosage should be determined from trial mixing. The water content should be premeasured and add in to the mixed bucket. Slowly add cement (and sand) follow with **Rockmax KAZ A**. Mix continuously for 5 minute. Ensure the mortar is truly consistency.

APPLICATION

Prewet substrate prior to grout 24 hours. Place the grout by inject, pour, pump or trowel within 15 to 20 minute. Ensure continuous application.

CURING

The cement grouts must be cure immediately after initial set. Spray water to the grouts at minimum 7 days. Others curing method is allowed such as curing compound, plastic wrap, wet hessian, curing membrane or others.

CLEANING

Clean all tools and equipments immediately with clean water.

PACKAGING

250gram bag or 25kg bag.

STORAGE

Storage in shade and dry condition at 10-40°C. Avoid from sunlight, frost, water, moisture and high temperature.

SHELF LIFE

12 months if kept follow instructions.

LIMITATIONS

- **Rockmax KAZ A** is not suitable with high alumina cement.
- Do not use with fly ash.
- Quality control of mix must be apply on site as the grouts quality is depend on water, sand, temperature, labor and mixing procedure.

PRECAUTIONS

Rockmax KAZ A is not hazardous material. However avoid contact with skin and eyes. Safety goggles and gloves must be used during application. In case of skin or eye contact, rinse with plenty of water and see medical immediately. If swallowed must be see medical immediately. Do not induce vomiting.

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IMPORTANT NOTE!!

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