Roka A.E.

Air Entertaining Admixture for Concrete

Roka A.E. is an aqueous solution of a synthetically manufactured surfactant for air entertainment of concrete. Roka A.E. offers superior controllability and finish ability in air entertained concrete, increases concrete's durability making it more resistant to the damaging effects of freezing and thawing. It allows improved workability and reduces bleeding in both plastic and hardened concrete.

Uses & Advantages:

- Improve workability.
- Reduces bleeding.
- Increases moisture retention for cement hydration.
- Increases impermeability by reducing the number and size of capillary channels.
- Improves compressive strength in lean mixes.
- Improves resistance to freeze/thaw cycles.
- Improves the appearance of architectural concrete.

Fields of Application:

Roka A.E. is recommended for use in exterior concrete which require protection from freeze/thaw damage or the harmful effect of de-icing such as

- Highways and driveways.
- Pavements.
- Gutters.
- Slabs and walls

Technical Data:

Color	Brown
Consistency	Liquid
Density at 20 °C	1.14
Chloride Content	Nil
Storage	Roka A.E. should be kept from freezing. If accidentally frozen, its properties can be restored by thawing and thoroughly re-mixing by mild mechanical agitation.

Dosage:

The recommended dosage for Roka A.E. varies from 0.8 to 1.5 liters per 100 kg of cement depending on the desired usage and the concrete components being used. It is recommended to conduct trial mixes to determine the required dosage for optimum performance.

Direction for Use:

Roka A.E. can be dispensed into any concrete materials except cement and fly ash. But it is recommended to dispense it in water. Roka A.E. is compatible with other admixtures; however, each admixture should be added to the mix separately.

Important Note:

The information provided in this data sheet is based on ongoing development efforts and extensive field experience. While we strive to ensure the accuracy and reliability of the information, we cannot assume responsibility for any work performed using our materials, as we have no control over application methods, site conditions, and other factors. Due to ongoing research and development in our laboratories, we recommend that customers verify that this data sheet has not been replaced by a more recent publication.

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