



Roka Anti-Freeze

Non-Chloride, Accelerating Admixture

Roka Plast anti-freeze is a cost effective, non-chloride concrete admixture especially designed for low temperature concrete to accelerate the setting time of concrete while providing higher early and ultimate strengths.

Uses & Advantages:

- Provides controlled acceleration.
- Provides greater impermeability.
- Reduces segregation and bleeding.
- Increases durability and uniformity.
- Set acceleration without corrosion.
- Reduces cost in cold weather concreting.

Fields of Application:

Roka Anti-freeze is especially effective in concretes containing pozzolanic materials such as fly ash, silica fume and slag where accelerated setting with high early and ultimate strength is desired. it is recommended for applications where the use of chlorides would be undesirable such as

- Concrete bridge deck repair.



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- Concrete pipes.
- Reinforced concrete.
- Prestressed concrete.
- Concrete placed on galvanized steel floor systems.

Technical Information:

Color	Dark Brown
Consistency	Liquid
Density	1.14 at 20°C
pH	6.0 – 8.5
Shelf Life	12 months from date of production if kept in dry warehouse conditions between temperatures of 10–27 °C
Storage	Roka Plast BF3 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 rate of acceleration of setting time is proportional to the dosage being used. The recommended dosage for Roka Anti-freeze varies from 1.0 to 2.05 liters per 100 kg of cement



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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 Anti-freeze can be dispensed into any concrete materials except cement. But it is recommended to dispense it in water. Roka Anti-freeze 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.

All products are sold under our standard conditions of sale, which are available upon request. Any field services offered do not imply supervisory responsibility. For further information, please contact your local representative of Roka Chem Solutions.



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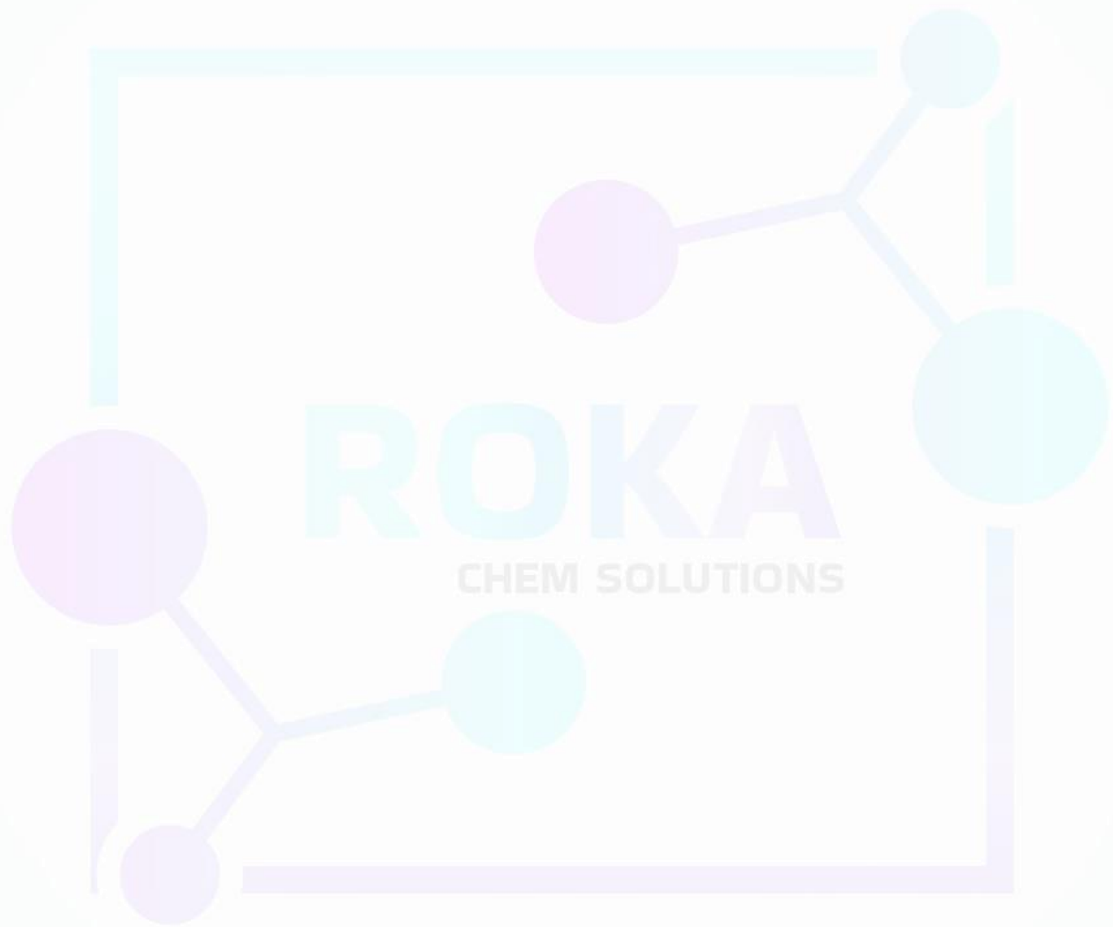
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