Roka Accelerator PC

Polycarboxylate Based Accelerating Admixture

Roka Accelerator PC is a polycarboxylate based accelerating admixture with excellent acceleration of setting time and strength over a wide range of cold temperatures and dosages. With adequate protection, concrete containing Roka Accelerator PC can be placed in sub-freezing temperatures with superior rate of set and excellent compressive strengths.

Uses & Advantages:

- Provides superior and controlled set acceleration.
- Increases early and ultimate compressive and flexural strengths.
- Increases impermeability.
- Reduces segregation and bleeding.
- Increases durability.

Fields of Application:

Roka Accelerator PC is recommended for concrete where accelerated setting with excellent strength is desired. It is especially effective in concretes containing pozzolanic materials such as fly ash, silica fume and slag.

Technical Information:

Color	Clear
Consistency	Liquid
Density	1.10 at 20°C
pH	6.0 – 8.0
Chlorides	Nil
Air Percentage	< 2%

Dosage:

The acceleration of setting time is proportional to the quantity of Roka Accelerator PC being used. The recommended dosage for Roka Accelerator PC varies from 1.0 to 1.5 liters per 100 kg of cement depending on the desired usage and the concrete components being used. In sub-freezing ambient temperatures, dosage of 3 liter per 100 kg of cement is frequently used. It is recommended to conduct trial mixes to determine the required dosage for optimum performance.

Direction for Use:

Roka Accelerator PC can be dispensed into any concrete materials except cement. But it is recommended to dispense it in water. Roka Accelerator PC 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ongoing research and development in our laboratories, we recommend that customers verify that this data sheet has not been replaced by a more recent publication.

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