



## Roka PCR

### Polycarboxylate Retarding Admixture

Roka PCR is a polycarboxylate retarder and plasticizer is a synthetically manufactured, set retarding, strength increasing admixture for concrete. Roka PCR facilitates placing and finishing by providing controlled retardation of the concrete setting time thus preventing premature stiffening.

### Uses & Advantages:

- Controlled retardation.
- Improves workability.
- Greater impermeability.
- Faster pumping of concrete.
- Reduces shrinkage and cracking.
- Increases concrete durability and uniformity.
- Improves appearance of architectural concrete.
- Calcium chloride free.

### Fields of Application:

Roka PCR is recommended for use in all types of concrete. It is especially recommended in concretes containing pozzolanic materials such as fly ash, silica fume and slag.



+92 321 4543320 |



info@rokachemsolutions.com |



rokachemsolutions.com |



83 A, Block C, PAF Colony, Zarar  
Shaheed Road, Lahore Cantt, Pakistan



## Technical Information:

Color	Clear
Consistency	Liquid
Density	1.10 at 20°C
pH	6.5 – 8.0
Chlorides	Nil
Air Percentage	< 2%
Alkali Content	Typically, < 5 g Na <sub>2</sub> O equivalent per liter of admixture

## Dosage:

The dosage for Roka PCR varies from 0.3 to 0.85 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 PCR can be dispensed into any concrete materials except cement. But it is recommended to dispense it in water. Roka PCR is compatible with other admixtures; however, each admixture should be added to the mix separately.



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## 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ongoing research and development in our laboratories, we recommend that customers verify that this data sheet has not been replaced by a more recent publication.

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