

Product Data Sheet  
Edition 01.2014  
Identification No. RC - 7



## PROSURFACE RETARDER

Surface Retarder For Exposing Aggregate Concrete Surfaces

### Description

It is a water based top surface retarder which does not require plastic covering for protection. It can be used for full exposure of 32mm aggregate.

It diffuses into the paste during the first hours of curing and slows down the cement hydration. During the 16 hours of curing, the bulk concrete hardens except the retarded layer.

### Where to use

- Poured in-place concrete flat work
- Top surface of precast panels
- Exposed aggregate concrete in road constructions and architectural finishes

### Advantages

- Excellent depth of etch control
- Excellent coverage rates
- Solvent free odorless
- Heat resistant
- Degradable
- Easy to use
- Economic

### Properties

Form	Liquid
Colour	Yellowish Brown
Density	1±0.03g/cm <sup>3</sup>
PH-Value	7±1
Application temperature	10-30 °c
Drying time	2-12Hours

### How to Use

- Shake well before application
- Apply the material uniformly to the wet concrete after the initial bleed water rises
- Spray with a low pressure sprayer
- Once dry (12-24Hours) After application use

water to wash away the retarded cement layer using high pressure water

- In hot climates it is necessary to remove the retarded layer at the same day
- Clean all tools with water

### Theoretical coverage rate

100-300gm/m<sup>2</sup>

### Packaging

5,20Kg pails

### Shelf life & Storage

One Year in its closed packs stored properly

### Health and Safety

- Use gloves to avoid contact with skins.
- If skin comes in contact, wash immediately with soap and water.
- Do not use solvents.
- Eye contamination must be immediately washed with water, then seek medical treatment.

### Additional Information

**PROKEM** provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure.

**PROKEM** designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction,

**PROKEM** extends technical services to include after sales support to assist users in a proper handling of our products.

### Environmental Considerations