

# Protekta MS



## Gelling Catalyst for Cement and Clay

### DESCRIPTION

Protekta MS is a catalyst to enhance cement or clay grouting especially to stop fast running water or in voids containing water. This specific formulation is suitable for all sorts of Portland cement, pozzolanic materials and flyash.

Sometimes the void or the damaged area need low viscosity product which can be grouted and which interacts with the concrete or building material immediately. In such cases Protekta MS can be injected in pure form without any filler, in order of merit.

### USES

Can be used for grouting of voids, honey combs, tiles.

### ADVANTAGES

- This is a gelling agent added to speed up the setting of cement slurry
- An excellent grouting catalyst to stop fast running water

### APPLICATION

1. The surface should be clean and free from dust, loose particles, oil and grease.
2. Can be directly grouted as clear liquid or flowing cement grouting with cement grout or Protekta Subsoil Grout SB or followed by Protekta SS. Usual grouting machine used for cement.

### For Soil

1. Grouting should first be done with

- Protekta Subsoil SB
2. A patch test should be performed on the surface, prior to treatment.
  3. This should be followed (quickly in the case of fast flowing water) by injection of MS directly or cement slurry
  4. This should be followed by another injection with Protekta Subsoil Grout by the final injection with SS or cement slurry

**NOTE: - Catalyst Protekta Seal C and Protekta SS have identical function however Protekta Seal C is the fastest and Protekta SS is the medium setting agent.**

### TECHNICAL DATA

Appearance : Liquid  
Colour : Clear  
pH Value : 6 – 6.5  
Specific Gravity : 1.05 g/cm<sup>3</sup>

### DOSAGE

Depends on the surface

### PACKING

20L, 50L (Other sizes available upon request)

### SHELF LIFE

Six month in a closed container. Should be used before the use-by-date printed on the container. However if the product is past its use-by-date it is not necessarily unusable. A quality control test should be performed on the properties relevant to the application or the manufacturer contacted for further advice. Product older than one year should be discarded.

## STORAGE

Once opened, material should be sealed and stored in a cool place, away from extreme heat or direct sunlight.

## HEALTH & SAFETY

Non-hazardous, non-toxic, non-flammable

**IMPORTANT NOTE :** Protakta products are non-hazardous when properly handled, applied and stored. When handling suitable protective clothing should be worn. The materials should not be ingested, inhaled or make skin contact. MSDS are available.

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